

SEQUENCE LISTING

<110> Friedrich, Glenn
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Mutated Mammalian Cells and
Animals

<130> LEX-0126-USA

<150> US 60/179,110

<151> 2000-01-31

<160> 341

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<213> Mus musculus

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<223> n = A,T,C or G

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acgagcttca gctnttgagg agcgtgctgc tgt	153

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<212> DNA

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<223> n = A,T,C or G

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cagggtctggt tcagcactaa tccctaccta cttctgcttg gtcccgccag ctgctacca	180
tggtattctg agatctttt gttccggctc acttccttcc tctggccate aacctaagga	240
ggtcctgttt gcaagccatt gtccatgaca ttgctttttg tttgggtttt tgattgntga	300
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 <222> (1)...(239)
 <223> n = A,T,C or G

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ccatgttacc caaacagtat ggttgtctaa acaagaccg aacatganca tcaccaacag	120
acatgccaat atggaaagga aatccctgg agtccctaag aactacagtc ggcctcggaa	180
ttgttgggag tggggaggag tcttntgtct caccangna tgaccctgct accgcctat	239

<210> 5
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nacggtgact gggaagctgt ttggacatn nggnocntn cccacccttg nttgcctatn	120
ttccagattg gatnactgc cttccttcaa gcttttaaac ctngnncggn agagaacatg	180
aagactggaa acnaccttta aaaacttaat	210

<210> 6
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 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(264)
 <223> n = A,T,C or G

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cggaagcag cttcaggagc catagtacat acagcagcac tccanntaan naccacaaagn	120
nnangggnga nngnttcnc acctnctccc tccccctggc ttgctccctc tccagtgcag	180
tgcatcctgc ttctagctc cccccccct tcccgccctg tccccacgc ggaggccacg	240
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<210> 7
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<223> n = A,T,C or G

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attctccagc tgcttaagaa catagtgaac agtttctcac ggattccaac ttgaacaaaa 180
atcacacctc catccttggt caacagaccc ccaaagcatt tacttttcca agtacacaca 240
ctcaggaggc agagccaagt ggaccttttg agttcaagcc caacgtggtc tacanaagca 300
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<210> 8
<211> 188
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 8
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ccaactccca agtctcttca gttatatattt ttccaagaat tacntaaaag aggctattaa 180
aaaaaaaa

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<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(436)
<223> n = A,T,C or G

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ccgggtntna angcnntccg cacnccggcc cagnntacgg naccgncctt cagccaggcc 180
tgngganagc aagagtgaag aaatgctggg gggagttcca agccgccttt tcccaactna 240
agggccccgg actttgnttg nccgttgctg aaaganccct atagacaaag atgagaagac 300
nttntngaa ttgatcagag acaaaaaagg gctcgaanna aangagtttt gancggnaca 360
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aaatacgaat attcgg 436

<210> 10
<211> 306

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

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agataatagc tgggtgctcg ctggttctga gaatctgcct gtggagactc tgggccca 120
accaggatg gacccagaat ctgagggagc ctcccaggcc cttcgggact cctccaaggc 180
agatggcaaa gaattagctt gggaccttgg atggagaaga gaagcttttc cagacggaaa 240
gttcccagag agaaaactgct gttctgacag agtctgcggc caagggcact ctgggagccg 300
atggtc 306

<210> 11
<211> 205
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 11
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ngtgtnnngct tngggagccc aatgtntnta aaagaaggca tgttctgac caaagtgtta 120
tcgtcaagtg tgctaattta accagactga ctacacagatg gcttctttaa taaataaacc 180
cttttcttat ttttaaaaaa aaaaa 205

<210> 12
<211> 267
<212> DNA
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<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 12
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gatcatcaag ctgcaggagc tctccgnact ggangatgca gctctcagct gtgccccatgc 120
anaaggggag cccccagatn cntngcgctg tanaggaggt gctgcccccc tacggatgca 180
gnagccctgg ggttggcatc tctgaggagc cntngcacca gctggaggaa gggaagagct 240
ggntaattat gaacaggaag acagctc 267

<210> 13
<211> 282
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(282)

<223> n = A,T,C or G

<400> 13
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catcntacan ggacaagggg gcaactcatgg ntttcagagg aattcctatc tccgagctga 180
cgaaccatgg gattctccag gccctgacgg nagaaaacca atgggtggca nacaggtgnt 240
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<210> 14

<211> 421

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(421)

<223> n = A,T,C or G

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ctggtagact ctctgttctt ccgacaagag gcagaagtca gagagagact gcggattctt 120
gggacacctg ttttctttt ggaggacacc gagttctttg agaagacagt tcaatatggc 180
aaaggaactg aaagaacggg gaggagccgt tactgtgatt tgggtgacgg tcttcagaca 240
accagtgtct taaggaaaac tgggacagag aacttctgaa ctttttgggt tcgttaagtg 300
agaagtcagc atggctcagg taaaaagctc tcgagtcctc cttcaagacc gttcactggg 360
aagcctcttt gcagngtcac ccttgaattc tgcccttagcc aacagtattg accatcccca 420
g 421

<210> 15

<211> 240

<212> DNA

<213> Mus musculus

<400> 15
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aaattcatgg cagtcctctt gcctcagcct cttgtgtggt gggattacag acttgagcaa 120
cattcttcag tgcatcttctt aggaatcttg gctaaaaaaa tccaagtta tcacacacaa 180
gttctacctt tattggaata aattcaatca agttctttgt gttccttcca aaaaaaaaaa 240

<210> 16

<211> 111

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(111)

<223> n = A,T,C or G

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tggtcggcct cacaancatg tgtaangnga tcttgacagc cctcttctgg t 111

<210> 17

<211> 542

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(542)

<223> n = A,T,C or G

<400> 17

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ttcccgctccc	cggacgacga	gggtcccga	ggcaaaaagaa	ggggctgnct	agcactcgag	120
aacgcttctg	ggaaatgtan	tccgcgattg	gaactggcgg	ngaagatggc	atccattctc	180
ggatttccc	ccagagcacg	gcctgaggca	ggccgaggag	ctcgttcnc	attttcaatt	240
ttgtgcgtga	aattcctaga	cagatataca	aactcggaca	gaaactctta	caatgcattg	300
agcccccttc	atgatagggg	gccaatctca	gagaatcact	gtatgttttt	ggagtagggt	360
tgcaccggaa	gttgtgtaga	gtcgcgtgta	tttctgggaa	atgtagtcta	aaaaaggaac	420
tgcgtggcac	tggctctctg	gaacaaagt	gttngaaatg	atttctgaga	taccacaccc	480
tgagtctgga	catttctggg	ccttgtaact	cactgtanga	attttcagga	tgacaaaaaa	540
aa						542

<210> 18

<211> 309

<212> DNA

<213> Mus musculus

<400> 18

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gatagctgca	aggaaggtgg	ggatctcttg	tgctgcgata	actgccctgc	cgcttccac	180
ctccagtgtc	gggattgact	caggacgtca	ggttgcctg	tttggcagca	agtaccttca	240
cctcctgagc	catctttctc	ctaataataa	taaaccttta	tattaaaaac	aacaacaaca	300
aaaacaaaa						309

<210> 19

<211> 538

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(538)

<223> n = A,T,C or G

<400> 19

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ctagtctgtg	aagggaaacat	tggcttaagc	cctcacgtgg	cctagcattt	cttctcttca	120
gtagcaccac	atcacagaag	aaaaatgtac	gggagcgcaa	gaacaatcag	caatctggaa	180
ggcagccctt	ccaggtcacc	acgtctgcca	aggtctcctc	gtttgggcca	ccgaagaaca	240
agcagtgggg	gagggggagg	gacaggcaag	actctgtcta	tggagaatat	ccagtccttt	300
aatgcagcct	atgctacgtc	tggacccatg	tacttgagtg	accatgaagg	ggtggcatcg	360
acaacttacc	caaaggggaac	catgactctg	ggcaggcgca	caaatcgagc	ggtgtatgga	420
ggccgggtca	cagccatggg	gagtagtccc	aacattgctt	ccgctggact	ttccacacg	480
gatgtccttt	nctatacgga	tcaacatgga	gggctgancg	gnttatccca	ccacccca	538

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<211> 501

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(501)

<223> n = A,T,C or G

<400> 20

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taccaactaa	ttntgnagag	gatacagtca	gaactatttg	gcttccaatg	ggntacagaa	180
acagngctag	tctattcctg	tagagagctc	tttcatttat	ncaggcaaca	gatatttaac	240
ttggagtcct	tgnnacaagt	cagctgngat	tttgngaaaa	tanccacctt	gcacgccaaa	300
gcnagacgtn	ttaggcaaca	atgtgtagtg	ttccttcact	acattaaagt	tttcatcttc	360
aggtgncttg	naagtaccgg	aagcngagag	ccacagncgc	cctgcccatc	cctatgaggg	420
tntgnaagcc	cancttcctt	tcattgntgg	tcgatgaagc	tcccaggatn	actnctggac	480
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<211> 206

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(206)

<223> n = A,T,C or G

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ctaaaagcca	tngtngaccc	cggcccgggc	ccgcctnatg	agggacttna	aaggaggnta	120
caggaaagat	cctccggccg	gagtgangng	gggctccgnc	ggagaacaac	ttaatnggtt	180
tggaatgcgg	tcattttttg	ggcccg				206

<210> 22

<211> 159

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(159)

<223> n = A,T,C or G

<400> 22

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tcacgaaggc	atcttaacct	agntctacgg	ccataccat			159

<210> 23

<211> 329

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(329)

<223> n = A,T,C or G

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tggttcaatt tctacagaag aaatggcttt ccagactgta gtattatgga ttccaacctg 120
ggttggtttt gcttggtttt acatttttaa gccagggtgc tgaaatccca ncatttggt 180
gactgagga aagagggta aacnccaccc anagcttcct gaacgggngt nccatganag 240
ccngctntcc tгнаattatt gccctgggag atggatnagg atnncacggg tanggagagg 300
gtggaatgct acnaatctag gcgacactc 329

<210> 24

<211> 452

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(452)

<223> n = A,T,C or G

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ccaaaggagc tctggtctct gacntaaaag atggggtcag acaagcancg cctgccnnnn 120
gnatttgnaa gtnggcaagc agggggngnt ntgggtcncc angctttcca ntgaataaca 180
gcaccancag cactgttcat gaactttaga atttaaaaca agccctggnc ttgccactcc 240
tccttccgga agcacttcag tatttggaag tcaccagacc tttggggctg ggccctntgc 300
gggntnctnc atatttttct tcaactccagc ctttggaactt ggggaaacct gaanccacgt 360
nnggntgcat nattttcggn tnaagagccc tgaagcttcc aggttttgca tcacctgggg 420
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<210> 25

<211> 230

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(230)

<223> n = A,T,C or G

<400> 25
tctggggttc tagaaccact ttctgctaga gcaagggacc ccacctgtc agctcttggc 60
ngggaggcac cagcatccac aacgcccatt ctgggtgggt ccctgcaggg gggattagga 120
caacccccang gngaggaagc agaaagcact ttttggggaa acctgctgtn tgccactaga 180
cacangttca caggagacca nggaggtggn ccccgggccg atgagggctt 230

<210> 26

<211> 443

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(443)

<223> n = A,T,C or G

<400> 26
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ctcctgacct tatggctggt gtctgagcat actgatgagt tagttcaaca aggccattca 120
gtttgattca gtatttgtcc ttataaagga agcctgaanc attcaagtcc aaggagngtg 180
acagnagnat gaaacatgan tcngacatgg taaaagcata ctancaataa gcttgctggt 240
nactctttat agtccagget ggttcagaac tcatattcct ntcacctttg tcttctatgc 300
actagggtac aggtgcacac tcagatgcac agcttaatct agctcctttc taaactgaaa 360
cattcctgac ttactttaaa actacggaaa acatttgaga catgtatgaa tgtggncaga 420
agagatttca gattagacct att 443

<210> 27

<211> 120

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 27
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atctgcatga ggagggatca gacttcnttt gtnnaggggn cggaactcgt gtcctgacaa 120

<210> 28

<211> 184

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(184)

<223> n = A,T,C or G

<400> 28
catctttggc tgtgctacnc tngggctatt acaatcentg ccctactgag aagagtgtcc 60
ncctttntac attttatnaa gaccagagct gctgcctttg aacaattggt aagtcctcng 120
ggnagtnncc ggagnactcc attgcttttc ctctgtctat nnnngtggg gggggagtgc 180
tact 184

<210> 29

<211> 278

<212> DNA

<213> Mus musculus

<400> 29
gaactgaggc accactcgcc ctgcccagge tccgacctcc acttctcttc cccaaaatgg 60
cctcggttct gtgggaagtc acctccagge cccgggccag ggaggaggcc acagaaagct 120
cctgagaggg aaaacacccc tcccgcagac cccacaggac cccgagttgt gccaaaacc 180
tagaggctag ggcacctgga ctggaggaag ggagccttgg ggctggaagg agtgacaaag 240
cagaaataaa ttgaatcctg atctttcaaa aaaaaaaa 278

<210> 30

<211> 141

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(141)

<223> n = A,T,C or G

<400> 30

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ctgagaactt gagctcaatc gcanggaccc atatgttggt tcttcaattt gatggataaa 120
gataactctg ttcaagaaaa a 141

<210> 31

<211> 284

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(284)

<223> n = A,T,C or G

<400> 31

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gggcactagg ntggaggcca ctgccaaagca tggagcccac ctggagtccc ancgtngtgt 120
ctgtggtggc nnctgtgggg ctcttcctcg tactgctggc caagaggatg cttggctaga 180
anaaccaccc aggtttatca gagagcccaa ggatcacatt gtnttnttcg gggaggngtg 240
nctncttcg tagtgccagg ccacngntaa tcttaaagcc acgg 284

<210> 32

<211> 109

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(109)

<223> n = A,T,C or G

<400> 32

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<210> 33

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<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 33

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tcnnggaett gtttangcng atcnccaagg gggacttngg gacngagtgt cacnnttca	120
tgcntcaaaa tntgttcaga accaggangc ctgtncatga cgaccatcac caggctnegg	180
aagagctgcc gngcagcgct tgcaggcaca gagctgantg cncaggcgcc cactgctgca	240
gtgctcttca gagcacacac ttcaccaatt cctaccncan cgttntctgct gnaaatactt	300
gaaatcacga cactcaatgg gggcttttga aaagaa	336

<210> 34
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 <223> n = A,T,C or G

<400> 34	
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aagaccttct ggcagtgcct cagaggacca gaagncagga gaacaccagg cagcagtggg	180
aatggtaaca gaanacctgc tgncagtggg tttgtttttc caaaacgccc actcccatgg	240
ggnggnttct cctcagctg agatacanat ggtgccctca atgcccacac ccagacctag	300
ccaaattcttt actcccacac catgactaaa cttcctggct gctatcaaaa ccacaaat	358

<210> 35
 <211> 214
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(214)
 <223> n = A,T,C or G

<400> 35	
gaactgagag tcatttcaag canctcctg ctgccaggga catcttttga gtgagcacca	60
cacttcatga tgaccatgan ggctcctggn cagctgcca taanatggnt gntttgtatg	120
cccctgattg cgctctgtgn cgatggagca actncaanag agaccctacc ctgtgactac	180
catcagggat cncnggaaga acacccatga taaa	240

<210> 36
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 36	
agcctatctt gaggaactct caanggaacnc ncaggagaaa cnggttggn ccatcttcac	60
ctntctaaga gatnagantc tcacaggcnn gnggnttaca tcacattctt gaaaactcac	120
actagntact tctggcttct ttcaccctta ttggtctttt ttgttctgct gtgccttgct	180
gngctncgan gnnngggggg gnatggattg gngnagagtg tgnccaactc tctggatagg	240

<210> 37
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 37
actgagtga tgcgtccgcc tgaagcccct gacatacagc ctgacatatt cagctatctg 60
ctccacctga tgtacacagg gaagatggcc ccacagctca tcgaccctgt gaggctagag 120
caagggatca aattcctgca cgcatacccc ctcatccagg aagccagcct tgccagccaa 180
ggcagctttt cccatcccga gcaagtcttc cctntggcct catccttgta cggcattcag 240
aatgcaaaaa aaaaaa 256

<210> 38
<211> 405
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 38
aactgaggtg ggggtctttca cgggggctgt ggaagctgtg gaggtcgtga ggcaactgaga 60
gctgtgcgct cggtgggtggc ggnccctcatc ttcttcccct gtctgctgta cggaacatac 120
gccttctctgc ctttcgatgc cccgaggcta gccccaccat gagctcccgc ttggnttaca 180
cccttcgctg tgggggtcttt gccagctttc ccctcgtact cnggctcctt gtgtacgggc 240
nggggctatt tgncttttcc tgcgcttcga gcccttcggc gagccgaggn gggaagngga 300
gatncaaccg gcagnacnng ggcccaatct agngcaaggt cttcancctc tacttcntta 360
accctggggg gggctttcaa cctaactggg ccccaaggac accct 405

<210> 39
<211> 286
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

<400> 39
tccgcacgca taccangaaa acacatgncn nggnatccng gcaaagatta atgccatgcc 60
tctggggcnc agactcnagg gtccttgtca gcgcctntca nganggnaaa cttnatcatc 120
tggcacantt ataccncaaa caaggtnnta tagccatccc tctgcncctnc tcttggtctca 180
tnacctgcgc atacgcttcc ttctngaat tatgtggccc tgtngnggcc tgnatnacat 240
catgctccat ttncagcctg aaaactcgnc taggggaagg cgcgga 286

<210> 40

<211> 241
<212> DNA
<213> Mus musculus

<400> 40
actgagcctg aacctggctg ctcaaggtttc actgttatcg ggaagagagc atgtgggtga 60
gcctgccgcc ctatcattct gccactccca ctgctgctgc ctgctgccta gctgttccgg 120
agccaaacac tgtggtcacc tgcaactgga ctgtaggat gatttggcag gaatgggccc 180
cttccccttc ttcataaccc agtgtctgga atagtaaaat cgaaccttga tcagaaaaaa 240
a 241

<210> 41
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 41
cccaagccca actgtgtgng ctcttatcca actgnngatn agcccatgta tntcacgctg 60
ctgnaggcac ctttggaan gngggncaaa tcaacctcat aaaggatgat cgacaacaag 120
aaactacg 128

<210> 42
<211> 348
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 42
tggtgtcatg gaaggggatt tactttatac tcttctgtt tgctggaagc ttttttggan 60
gtatttttat gctcgccccc attttacctt tgatgtttat aaacctgtcg tggatcgct 120
ggattagcag ccgtcttctg gctacatggc tcacacttcc tgtggcattg ctggagacca 180
tgtttgggtg gagagtgggt ataacagggt acgcctttgt gcctggagag cggagcgtca 240
tcatcatgaa ccaccggaca cgtgtggact ggatgttctt gtggaactgt ctaatgaggt 300
acagctacct cagggtggag aaagatntgc ctcaaataca gtctcaaa 348

<210> 43
<211> 313
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 43
tattctatga cagacngttt gggagatatc tgcaggangg atntttanac attacagaag 60

acaatacneg ctaatgcnnn tgnaggttta cagccactgc ctttttgcta ttacgctaac	120
tgtactcctg cactacantg atggaggggn ctggccttca tgtgacctat tgtttcaggt	180
cgctttggca ggagtattat accttcatgt gggctccctt gccaaaagac caaaacaagg	240
attcagccac acagcaggaa aaagnnttc taaataattt aggatgacna accaaatagt	300
tcaactggtt aca	313

<210> 44
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 44	
gactgagaaa tttctaataga cttgggtgaag aaggaaaacc gtcagaaaagg ctgaagtact	60
gccatactag gcagaggttg naccgtgagn ncatnanata tnttacttac gccactaaac	120
tnttcatgnc cctgnctnac tacagnatat ntatnagctt ntggaggang gntctatccta	180
tnatttctta tatattgag	199

<210> 45
 <211> 248
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 45	
cccacagagc aaggacattg cnacantntt ctaatgccag tgcttgggag gtggagagct	60
ggagaatnaa ctagtcncaa ccccgctttc tncctggact atggnggaca gagnacctnc	120
cccnaagctn ncaanagcaa ncncttnga cccttangaa tagaatntgg ntnaagttta	180
ccgcttggag aagattntga tcagaagaaa catagattaa gagaagagtt tnttgcaaga	240
ttatagac	248

<210> 46
 <211> 154
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(154)
 <223> n = A,T,C or G

<400> 46	
gcctaccagc atttgtgngc ctgcgcnag acagggtcga cctgactgac tgangntnna	60
ntatgctata ntagcatnat gaactttact cacacagcac acattataaa tggacgnttc	120
ctgggcnaaa aaaanttttt tttgtggcgg gggt	154

<210> 47
 <211> 241

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 47
tgccataccc actgtggnan tacccttgcc tgaagcctct ccgagcggcn ngagatncta 60
gantnttgat tncagcagn ccatcccca acagcctatg caatccaagg gcacaatgga 120
gctagacatn acccgagcaa gagccatggg gcatgncttg tngatggagn atcanntcac 180
tccagacant ttttntnagc actgggcnga taaaccctgc aaaanacaag ggggactgct 240
g 241

<210> 48
<211> 262
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

<400> 48
tttcgtgaaa gtgccanagt tccaggattc tcttgtgacc tctgagggtc aaaacctggt 60
gtgatgactg tgagagggtta aaaatggatt ctaggccagc atggaagtga gagctcagaa 120
gcacaagtct agacctgatg gtctttcttt agagaacagg gttctgagcc catggacacc 180
ttgttacctt ttgtgnagnc actgatgnnc tnnnctnnc nnnctnnntg ncttaccctc 240
tcaagtgtcg ggattaaagt tg 262

<210> 49
<211> 492
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

<400> 49
tactgagctc ccctatantc tcctacccat tcaccacttc ttcgactccg ntggatgaga 60
accanntttt tccaactcgn tctacacttg ancatatcat gaanacatnc gttacaaatg 120
aagcananng ctgcacaatg aggtgtcgnt ggatgcgaca cttntgagtt accctaaatn 180
tcccangtct gnagancggn cggcgatagg acttggaac agctgcgatg gattcnntcn 240
caggtatctc aaccacctcn nagggtgcaa gatgcacgcy ccggggcagn tcctcctggt 300
cagaacactc agcccacagc tgactcccac ttccgtacga taacgcaaga tgggtgggacc 360
ggcnattgaa aaccacattc angatgtcgg cttccggntt tcccggcagc nccccgcgtg 420
gctgccgggg ccacaccac ttccgggtcc cttgctccgg catggctggc ttanggacct 480
ggctggccag tg 492

<210> 50
<211> 242
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(242)

<223> n = A,T,C or G

<400> 50

```
ccgggctcct ttgcgtctgt ntnacaggca accacnctgg ccanncgttt ctcagggtgca      60
gtggatttcc tcacagagca ggtgttattt aggactggag gcagggatga gtactctggg      120
actggaaacc atctctctcc taaaaggga acttgactta taatggntct ccttgacagt      180
taatacccaa gcttgngcag ntatacagac ttgcacncag accctattat cacagagaat      240
tg                                                                                   242
```

<210> 51

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 51

```
gccctgaagg gtgcgctcgn gggcgtaaca ccaccagtt ttttgaatgc acaagggtgga      60
cagggcccct ggcttcttc tgacggagga nnggatgatg cggncagtga caccatcant      120
gagngaagat gccattaaag gg                                                                                   142
```

<210> 52

<211> 218

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(218)

<223> n = A,T,C or G

<400> 52

```
tttcctgttg gggcccatth ggagcggata agggacagga gaagaaatga nggaaggcgc      60
acgagaagag cctggagatg gagatgcttt gctgttcac nctgcagggy tnactgggtt      120
nactctttag tnttgcncng gcatctatac tctcngcctc ntctgatctc ttgtgcttca      180
gccngtcang gtggggntgg cttggctttc tttttttt                                                                 218
```

<210> 53

<211> 331

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 53


```

agtcttgcag tgttaagtgt tttcctcagg gtgctcatatc ggtgaaaatc atagatcang      60
ccacctttct gtgagccttc agctgagtct aanagggtgtt attgatcact aatggctttc      120
acggatgggtt ttacctgtcc tgcataaggtn gcttgggatac agctgggatac tgatgtagca      180
tctctttcac tgcctactag gatgcagtac tnggcgcggg tggcctttgc ctgggatggc      240
acgngctca tgtttaactg ggcaccagn gctcatgggtt agcccggcat gggcgngnc      300
tctattggag ctgcgctcac tggggtacac a                                     331

```

```

<210> 54
<211> 168
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

```

```

<400> 54
gactgagggt gataggaccc aggccgnttt antggccagn ntaanaccta tggcatcngc      60
ggggccatnc ncaggatggg cgagtcanca tgancctat tcntncgatt ggctaaggct      120
gatggaattg tctcanacaa ctttttgagc ngaagaaatg cggaatt                    168

```

```

<210> 55
<211> 345
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

```

```

<400> 55
actgccccag attttcgtcg gtaganccta aacatcgcgt ccttagataa agacttagaa      60
naacaggacc ttggattgac aggtcccagg tcgctggcag gccttcccc agtatggatg      120
cgcattgnga ttaacttatg gaagcctttg agttcatnng ttctcagaaa ttagttcgag      180
aatggnatgt gaatggaatc ttcttaaccc ananggtntt tttntaata cataaccatt      240
tacttttagt aattgttaaa gntgataaca ttcgtttaaa tttttttaca atagcattta      300
tgcaatggna ntacagaagg tccgtggagt tatattttta ttcaa                    345

```

```

<210> 56
<211> 447
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

```

```

<400> 56
agccaggagg ctgaaaataa caattccaca acatcagtnn cnggagttgg aactaaagcg      60
tcagaggacg cacgtgaccg gtgagcagag actgccagcc tggcgcagaa aagcacacag      120
cagagctgct gagggagtgg ggggtggaag gggagaaaaa ttctcttcag aatgcacgt      180
agctctggct agcaaaactg gaactggata caagctgcag acccaaactt ctcatgaccg      240
tgtgagaaca caattcaaga acattggagg ctgcaccagg tataagcacc gccagaggcc      300

```

atctgacagt	ctggtacggt	gctaagagcg	gtcaccagtg	tgacacagaag	acatctttga	360
gcgacatctt	ggnttacatt	gtccaggaac	acggcctg	tgctcgaaga	gcttgaggaa	420
tacatccaaa	cacccattta	aaagctt				447

<210> 57
 <211> 292
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(292)
 <223> n = A,T,C or G

<400> 57						60
ggcccagggtc	cccgtttcct	ggggctgngg	aagncttcaa	gctgttccag	aatccggntc	120
aaccggagtt	actggaaccc	agcagagnac	actcgccngc	cttgagcatc	ttttgccac	180
aatctggctc	aggctcatag	gcttcagcaa	gaaanacttt	gggnacagct	gagtttgga	240
gaagactcca	nttnagtgac	cctccagagg	gangaaggaa	ggcncagtn	ttttttncn	292
ggagagggca	ncnngaaaag	gnagcncccc	ngcttgaaac	aaaaaaagga	ag	

<210> 58
 <211> 324
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 58						60
gactgaggga	cgcaaggaca	cacggtaccc	cagnttggtg	caatggactc	tgacatatgg	120
aggtgaggga	tcacggcagn	cataaaggac	nggctgntga	tgtggctaaa	cttgtagagt	180
gccaatctac	ctgatgcgca	gcaccacata	aaactgggtg	gatggcaact	ggntgtgatg	240
gcaactgatg	tgatggcata	cagctgtaat	cctancactt	gggaagtaga	gaccaggtga	300
tccgtagttt	gaggtcaccc	ttggccacac	aataacatcc	aaaccagatt	gngctacaga	324
aaaccctgtc	taagaaataa	aaag				

<210> 59
 <211> 238
 <212> DNA
 <213> Mus musculus

<400> 59						60
gactgagtgt	cttctctagt	tcctgtcctt	gctgcttttt	gagttcttac	tcagtcgtgg	120
caccctgagg	agagtcagca	tcacagggcg	tcggtttcct	gtttcttcat	taacctaaaga	180
attcagacaa	aacaaagctg	tccttaaaaa	acaaagtctt	actccttagc	ctgagaggac	238
tatccccttt	tcaataaagt	ttacattata	agttgagcat	gtacctgcaa	aaaaaaag	

<210> 60
 <211> 140
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(140)

<223> n = A,T,C or G

<400> 60

ggtgagccgg ctacagggag accctctttc cttcttccaa catactcaca tactgncat	60
ctgtaatccc agnacttgag aggcagaggn aaaaggattg ctnggaattg gaagccatct	120
tgagcaagat ctggtcttta	140

<210> 61

<211> 263

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(263)

<223> n = A,T,C or G

<400> 61

tacctgcagg catccancaa tgtgtcotta gcagcagact tgctgtcccc agtgtgtaag	60
gccagagctt tgcccattag tctgtgactg aaaacaatcc cctgctcca agcagcctcc	120
acaatgacta ccccaaatcc ctaagcagat tcttgactt ggagagagaa cagctcagg	180
catgaggatc taaatgcaan agtctactc antttganaa ccagtaataa aatccgtgtg	240
tggtagcagg taataaaaaa ata	263

<210> 62

<211> 324

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(324)

<223> n = A,T,C or G

<400> 62

gaactgaggt ggggtctttc actggcctgn cgctggcact ctgcgcatcc gtcccaagga	60
tcgaaccttc cgctgcgcag cccgcgcgcc ccttcagagg ctacccccac tccgccacgc	120
gtcctcgggc cagtgactg cagcaccacc gcaggggacc cgaaaggatc gccagggtccg	180
ggtgggccag cggcgcttca gctctcctga gccagtatc cgtgcctccg tgcaaccgga	240
tgttagctgc cctoctccaa cttcagctcc aaagccggat ggacaaaccg acgggcaaat	300
aaaagtctga gatttagaac agac	324

<210> 63

<211> 118

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(118)

<223> n = A,T,C or G

<400> 63

cctaaattca ggatancntt gctgggtctca gctttagacc ctgcctggaa atcctgcctc	60
--	----

aaagtctcaa gtgctgggtg acaggtttga gtcaccgtan gtgctgatgt atctatcc

118

<210> 64

<211> 385

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(385)

<223> n = A,T,C or G

<400> 64

actgaggtgg ggtctttnaa gcacagtga atggagtcag ccagagccta gagtgtctaca	60
gagggcagag ctggagaagn gacccaagac ctttggggga gcacagaaga tcatgtgtgg	120
atcctagaca ctggaacaag aacctgtgaa gttaanatgc cttgnagacc cttgagatat	180
tagaagattg ccnccgtccg naggataccc tcgctngagg aaagcttact aaccacggag	240
taagnancaa canaatggtg aaaggagaa tgctattccn aaacngana anccccnngt	300
ttnggagggt tgtcctggct tggnttttg gccttgctta agtcennnga tttttcttna	360
ccnntgataa ttttgggagg tatat	385

<210> 65

<211> 450

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(450)

<223> n = A,T,C or G

<400> 65

ctcataggca tttggagaac agaagtagga caacngagaa gttttattag cctcncnaag	60
tttctggtnt gtggattatt attctgcttc aatattttgc ggacttaanc tgacagaaga	120
acacnctaca ctccccaccc tcnntgtttg cctngntct ntantacttc aganngtgga	180
cttnagacta ggtgtcgant cgccatcngc catcccatTT tctttgaggg agcatcanaa	240
ggacctnccc gccagcctcc cggncncnc cccngcgcag ncaggtgnca tccaggttta	300
gcaanaaaac ttggggncnn tnanaaggag tngtggagcc cacgcgaggg gaggaaaaaa	360
ggagagggcc nccgncccgc cgaagggaac ngngagggaa tagtcccatt ctttnggnca	420
naaccnngga gggaaggtct tttaatggaa	450

<210> 66

<211> 312

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(312)

<223> n = A,T,C or G

<400> 66

tcaaaggcat ttggaagaca gaagtangac gacagagaag ttntattagc ctcncaaagt	60
ttctggtatg nggattatta ttctgcctcn aantntggcg gacttancag angaaaaaca	120
cctagactcc cagcctgttn ttgccctttg ccttattact tcagatgagg acttagactt	180
ggtgtcgaat cngccntcgc catccatta tgcttcgnng agcatcanta gngaccccc	240

cgtcagtctc cggccacncc ccgagcnagt caggtgtcat gaagggttta gnaggaaaac 300
 tgcggccctt ga 312

<210> 67
 <211> 444
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(444)
 <223> n = A,T,C or G

<400> 67
 aggagctact cggttcaaag gcatttggag aacagaagta agacaacaga gaagttntat 60
 tancctctca tagttntctg tntgcggatt attatttctg cctcntattn tgcggactta 120
 gcgangaana acacctacnn ctccagcct gttcttgccc ttgccttagt acttcagatg 180
 nggacttagn cttggtgtcg aatcgccatc gncatccat ttgnttgagg agcatcatta 240
 ggacccnccc gtcagcctcc ggccacaccc gagcagtcag gtggtcatca ggnttagcag 300
 ggaaaactgg tgccctnata aagggtgtgg agcccanca gggaagaaaa gagggagagg 360
 cactgnnccc gggaaggac gggaaggaat aantcccttc ttntggncna aagcaggggg 420
 aagggtcttt tattgaaagc atct 444

<210> 68
 <211> 494
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(494)
 <223> n = A,T,C or G

<400> 68
 ctgaggtgca acgctgaact tcaagtcgac cggtagacta aaattaagtc gctgtaacta 60
 aaatggaaaa gtatgaaaag ctagctaaga tcggagaagg gtcttatggc gttgtattca 120
 agtcagaaaa caaatcttct ggacaagtag tagcgatcaa aaaattcgtg gaatctggaa 180
 gatgatcgtg tcgttaggaa aatagccctg cgggaaatcc gtatgctgaa gcagttgaaa 240
 caccctaaacc tcgtgaacct catcgaagggt gttcagaaga aagagaaaaga tgcatttagt 300
 ttttgagtac tgtgatcaca cactgggtta acgagctgga gagaaacca aacggagttt 360
 ctgatggagt gattaaaagt gtgctatggc aaacccttca agcccttaac ttctgncaca 420
 agcacaatng taagtaatat tttctaagtc tagggaagtt ctcttgtagc cgatgcttct 480
 gttggagaga agga 494

<210> 69
 <211> 194
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(194)
 <223> n = A,T,C or G

<400> 69
 ggaacctcaa agaggatgcc actgttttgg aactattttg aaggcgcagc catcactagc 60

tttagggaca gggatattttn tnacagcnnc agaaatagna tccatancag ctccanaata	120
acaanntgct tgagtttctt ggggactana agatgacacg atannataaa gacactggcc	180
aagcatgacc tcca	194

<210> 70
 <211> 115
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

<400> 70	
gactgaggtg ccaccctacc aaggtaactg caatcttnan gnccatccct ccaaccactg	60
gatctgctgc actgncgtgaa gntnnggtn ctningccana gcctcaactc actca	115

<210> 71
 <211> 478
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(478)
 <223> n = A,T,C or G

<400> 71	
ctgctacata tgcgtgaaga atggcactcc ccatcatagt ntnaatgggg tgggcaggag	60
tactcagtga ccacgctctc agaagatgat actgtgctgg atcttaaaca gttcctcaag	120
acccttacgg gagtgtctcc agagcgccag aagttactag ggctcaaagt taaaggcaaa	180
cctgcagaaa atgatgttat tnttgagct ctcaaaactga aaccaaatac taaaatcatg	240
atgattnttt tactcgtgag gagagcttgg aagatgtctt atgtcctcct ccncctcccc	300
gatgatgtca tcaatgattt tgacattgaa aaaaaagtag ttgaagtaga aaatagggag	360
gaaaacctcc tgaaggctctc tcgcagagtc aaggagtaca aggtggaggt gctgaacctc	420
ccccgggagg gcaagaaact tcttggtgct ggatgttgac tatacactgg tttggtga	478

<210> 72
 <211> 440
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(440)
 <223> n = A,T,C or G

<400> 72	
cagatccagc acgcatgtgg agaaagcctg gcttttgtga gntgtennac tctnagctcc	60
tcttgcacca ngcccgctg nntagcatgc atgcttccca ccttgatgat agatggactg	120
aacctgctga natgaaagct gcatggacct ccagtagaca cncagactcc antatctgag	180
aaangngcat catgaaagat anatgcnggc ctncagctat tnactagggg ctntannct	240
ataagngtgc anncatagnn ttccanaang cccaaagcnt gttnttgatt anangcnctt	300
taagantttt actcaaataa catctanaaa ctggannntc tntcactata angntgnaat	360
natagtattc cagaatgccc aaagcatgtt cttgtttaaa agcactttaa gaattttact	420

caaataaaaat ctgaaaatgt

440

<210> 73

<211> 188

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(188)

<223> n = A,T,C or G

<400> 73

tcccacatct tgaatctatg ttgcacaccc tgatacatgt gaacgtgtgg ggccctgaaa	60
ggcgagctga gatttggata ttcggaccgc cgcctttccg aagggacgtt gaccggatgc	120
tcactgatct ggctcactat tgccgcatga aactgatgga aagnaagtaa nggatgggac	180
gggagtgg	188

<210> 74

<211> 108

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(108)

<223> n = A,T,C or G

<400> 74

ccctcagcac ctttcctcc tgtgccagca ctgaggaagg tccctgngtt ctctggngc	60
atggctgttt cnaggaaaca ngggagcttt ttgccagccc atttggcc	108

<210> 75

<211> 124

<212> DNA

<213> Mus musculus

<400> 75

gactgagaac ctcaaactca ctactgacgg agttcgtcat ccatccctgc ctgagaagat	60
ggcagctcca tcgtccaggt gctggggctg aaataaaact ccatcatccc tcattctttt	120
ccta	124

<210> 76

<211> 131

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(131)

<223> n = A,T,C or G

<400> 76

atthttgagct cctcttggac acgntgctcc tggcttngaa agatnccact tgggtttgaa	60
gatgcaaag gctgcttng atgtggcctt gaacttccgn ctagaaagag gntctataga	120
aatcactctt g	131

<210> 77
<211> 133
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 77
gcagacacat ttccagntga ttgaggtggc cagtgacatt actcccgtgc gccttaccca 60
tacttnagta gcnngcattt ctcattgaac tgtagaccac cttttctgtt tgagnccgga 120
acgcagtttc agg 133

<210> 78
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 78
cacagccaca ctgctgnagc tngccgcttt gctgtgacga agccatcaca gnggtcacct 60
gcaaccttan tcctagatta tctcggtgg naatcnggcc cctccccntt ccttcataac 120
ggagngtggt aatantaaaa attgaacctt g 151

<210> 79
<211> 413
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 79
acaaggcaca aaattttggg gnacagacnc tcaccaactg ttcttgggga gccatctccc 60
ttttcagtat ctgagattct ggaagactcg gntgacttcc taaggactgc atcctacaga 120
agatacaact ccatggtgtt ctgaaagggt ggacaggaag tgagcagagg acatgaccag 180
tgaaaacagc cactgtttct atgcctgcta ttatgctttt tttgaatggc tgacngtcta 240
tctggggcaa gggttctcag acactgaagg accccactta gaatcttagg ttgnaagccc 300
cctgtcaatg tcatggcagg aggcagccct tggaaagtgg gctttgtaat gagnggtagg 360
tccccatttc ctgacagagg ntgctgggag cacaaggaga ctaggcacag taa 413

<210> 80
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(322)
<223> n = A,T,C or G

<400> 80
gcaataccac cttgtgacnn cancgccact tgacatgcga ggccttgtag gntagacata 60
nngcngggan gncnangtcn nctcaccaac aacatccanc ttgctgnagg ctnaccccgn 120
aatgaaagaa agcaaagaca ggnnaancng ggccgagnaa gcttgnttta ggggatgggc 180
tgttttcnca caggcggtncc ccacaggtgg tccgaatctt ccgggnccca aaggctcact 240
tctcttttta acaacaggtt tctgccgatt ccagcatcac ttggaaaccc agatttttgc 300
ncacacatgc aaatccacct ag 322

<210> 81
<211> 241
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 81
ggacgacaat gaaggagntg agattgacat ggagtcctgn cngaagcatc tgaagaaaag 60
ggattctctg antttgaggc gacctgnagg aanagttctt ttccatactt gncatgatnc 120
ttttttcaaa cctganaact angaaggggn ttgggataaa taactantga ctactgannc 180
tcctantgga gagcngccga gggngtgagg canctgcnga caanatactt gtgggtggcat 240
t 241

<210> 82
<211> 343
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(343)
<223> n = A,T,C or G

<400> 82
ttccacatag atgagggcct cattcngcca tcatgagntt tagtgagnct ccaggagaga 60
gcanacaga nacaganact cactcnnat caaacccctc ttctcagggt tcagagagcc 120
aggagaaga gacaganana tttttnnгаа ccagaganga ccctaggaaa acngngnctt 180
ncagacacan cngcncgtgac acacatatat gaactcctan aantaggatg nctcagggcc 240
tgaatagggg tcaagacaga tggagnccta gaacaggaga agcaagaaga catgagctcc 300
tattcctaag aagctgtntc ccacctgata ccctgcttgc aaa 343

<210> 83
<211> 492
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

<400> 83
 tgtgaccttc acgttttagag ccttttagct gcctggttgt tgtatttgcc accctgaaag 60
 cgctccacct ctgggacctt aaagggtgat agtttactct taqttattta tggaaactag 120
 taggaagtct gcagttgaac acgaggcaac ttctctctat gccacgtgga gctgtcaccg 180
 acttccacct cagagacaca caagcagagg agccacgtgc agcttgtgag aactttcctc 240
 acagaaacct attactgtac tccacatctg ctctctggaa taagcctggg atgaactgga 300
 ggaggaactt cagcggctgc tctgcataaa cactggagca gggcggcgtc aggggtgggac 360
 tatgcgcgca gccacaaagg caactcctgc tagaggacct aattgaagac tngggagaga 420
 ccaaggattg atgacgcana caaagccagc caatcgggaa ctgctgtttg gaaganatgc 480
 ttgctgggga cc 492

<210> 84
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 84
 ccatcactac tgattcatat tggtagttna ctattgaact ggactgctg'g catcctgaca 60
 atgaaaaatg gaatcgcccc aagaaattat ttctaaacag gtctagaaca ctcttttcct 120
 attaacttct tttctcccta cctctggttg atgaattaga agagaggntg aagattcaag 180
 aaccctaaat aaaacagg 198

<210> 85
 <211> 274
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 85
 tggggccata taccagnctc catgttctca gaccacaaan ctaaaagttn gaagcaaggc 60
 agntngtcca gtengaganc aggaactcaa gtccaaaaca gnetgctgt ctccactgtc 120
 agggcactca gccagctcnn aggtcagnat cngtctttgt ccngcatca gcttgtctca 180
 ccaatcactc tggcagctag catgctcctg ctgcngcatt ctgtggagaa aacacaaaaa 240
 tgccctcttc cccatattaa atacctgaac agta 274

<210> 86
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 86
 tctgagaggc actaattgca gcattncata agcaagatca aagcacgcat ttgaagngtt 60

cgaccatgaa tcnaataata cagnacatgc cgagatgaga tngccacgat natcaggccn 120
ttacgncgct gcccgactnn agnagagctg catgatttca ttgcag 166

<210> 87
<211> 222
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(222)
<223> n = A,T,C or G

<400> 87
cggggaagga gatgttcagc ttcatTTtga cacagccgag cgcctaggag gcgtnactga 60
ntaagaggcc tgacttccca acagttnctt gggatgccag aagagaatgt ttggggccct 120
gaaaatggag tcgcaagcag ccgngagcag cctnacatgg gtatcaagaa cagatttnag 180
gccctccaca agagcaggan gggctcttaa tagctgagcc at 222

<210> 88
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 88
gactgagggc aggtgagatg gctnagcagt tnaagcagnt tgttgnacga gcntcatgca 60
cctgngnnca ttcccaganc ccatggaana gatggaaggn gagagctgac ttgacaaaan 120
tgtnttntga ccantgtaca cggactggag ccncggactg cattgttcag gaaaataaag 180
caatttgtat gaaaaaaaaa a 201

<210> 89
<211> 434
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 89
gaactgaggt ggggtctttn gtgctgtggc tctcgggtg agggaaacag gactgcacgg 60
cgcgagagg acgatcgccc tactgaaaaa aataccagat cttacnaaac ggctcacgta 120
ggnaagatg ccggccacac agaagcccat gaggaactgg acatacggaa gggcacaccg 180
aagtctgctt tgatgattct ggaaggtaag cntntttgga ancaaaggac ggtccagcg 240
ngaattggtta agacggnatt cttggtatgg acagccggtc gaagatgacc ggatgcgggg 300
ggacagaggn aggaataaac aaggagcgcc cntngccctg aggcttgttt ncttttgaac 360
tgtcgtgnca cttctangac ctcangaaaa tttaaaatcc tttaccccag aggagtgcct 420
tcccgccact cacg 434

<210> 90

<211> 147

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(147)

<223> n = A,T,C or G

<400> 90

aggcctacgt cagggccgga ngtcctgacc tcaagatgna cccggatacc nccatgttcc	60
atgcttccac nngtanctgc cannnanga atttcnact gcccacncc tcctgcttga	120
gaantacttc ctgtttttcc attgccc	147

<210> 91

<211> 322

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 91

tcttgccaga tcaactgctg aggttgctca tccactctgc agggcaggca ngacatacgt	60
tcccacgntn tggacaggag cgtctcnagg canagagtan ttgacaacat ggtaggcntt	120
gnncnagna cgaatggcgcc cctggcacan naggagagtc actngcctnt ttggncnant	180
attctgatat tctncctgca ctgttnccaa ancgnncatt ggtnncccta aggncaaaga	240
caacatttgg tccccttgca naggggcanct ctgaaccgnc tntgactgnt gggagggcag	300
gcaaataaat gcttttgcta tt	322

<210> 92

<211> 119

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(119)

<223> n = A,T,C or G

<400> 92

taggaagcag tgtaatgatac tacagactac ctnaggncct gcgnntacac cttanaagat	60
tcatggtggt ctgnccgaaa ccatacgtgan annantgcng tccatgtcat ctttgacca	119

<210> 93

<211> 237

<212> DNA

<213> Mus musculus

<400> 93

ctgagcctaa gggaatgctg ttctctgcac tgaagtctct gtgccctoga gtcacgcctc	60
atccccagtc aacgcgggac caaccagcca gaaggcttca gtttgtgcgg cttacaaact	120
gggggccgca aagatgccct gccccagcc tctctccca gggcatgccc tactctagag	180
ctgctggtga acaggccagc caggggggaag atctccaggt aaactaataa aaaaaaa	237

<210> 94
<211> 304
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(304)
<223> n = A,T,C or G

<400> 94
ctttggatac gcatcacccc agnctgactt cctttccctg agcctcacct gccttcgagg 60
agtngagtgc anaccacagc gcctttgctc agtagctgct cccgnetgtg tncagngtac 120
accctgcttc atggagcttc tctgcctaag cngtngacat gactgagtgc ttggaagnca 180
atntttaann tgcacagntt acacatgcnn aaaaaagagc catctaccca acctnaccaa 240
gcaccctgc agatgtccat cctgaggntg nagatctnac ctctgngntt actgtaagcg 300
ccat 304

<210> 95
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 95
acggacgaac cgtgtcaaag ggntatgcaa gncnngccan cagacagcng nnacagacng 60
ngcaancntc caactganga agatgtgagt attcttgga tctgggagca ttctgaaaa 120
ataagagatt aaaaaaatc aaa 143

<210> 96
<211> 414
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

<400> 96
ctggctcccc togcctcctt cctgaagtgt gtgctcagta gcagctaatt actttgtgtc 60
catgtctctg cctacatcag ggacctgagg tcagagcctc angccaattn gcagaacctc 120
ntagnttntn ctggatgaac tgccattgct agaatnagtg aatgnngttc aganatggat 180
gganctaccg tgetgatnnc tgtgaactga actgctgccc tcntgacaan natngaaaat 240
gncccaaaga actatnacct aancaggtcc acatnctcnt ttgnctatt aaccttcctc 300
tncactacct ntggngggcg gagggtaca agggaggtga aagtattnaa gnnatacna 360
tnaangnang ntngnanca tgnagctgaa ggggnetgca gggcgggggg aggg 414

<210> 97
<211> 355
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 97
 gaaccttaca agcttntgag atgaagaacc ngncangaag ctggngnnac gggnaanagn 60
 gtatncncct gngccctggc tcnctgctg tngnctganc cngctaanca tgcacctnct 120
 gncctgcnac gntctantta gcnnatngg nccnggtaga tcnattcttc acgcccgcg 180
 gncgccacga tgcanaacggg ctacaggcgt cgtttcgcgg tcgcggcctg cggggcgagg 240
 aggtagctgt gccgccaggg tttgcgggat tcgtgatggt gacggaggag aaggggagagg 300
 ggttgatagg gaaactgaac ttctccggng acgcgaggga caaagcggac gaggc 355

<210> 98
 <211> 245
 <212> DNA
 <213> Mus musculus

<400> 98
 actgagatta acacattaat gatgtcatcc gttgtacatc ctgaaagagc acctcacaga 60
 gcaccacagg accgggatcc aaaggaacgt gcaaaagtgc ccccgaccgc tgaggctgga 120
 gatggctacc tgcaggcagt gatgtcctct gcatagcaga agtggttcgtc gctgttaact 180
 tttacttttg ttgagacttt ggaaataaaa tctaacaagt gcattgtgta ttggaaaaaa 240
 aaaaa 245

<210> 99
 <211> 324
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 99
 ctgtgcctgt ctccatggct ttcaggaccn tctcttgttt gacctgnctc ancacatatt 60
 ttcnctgaca gccatcgtga nttgtacngc cagtggcctg cctttcaagt tcaangtaan 120
 ccttatcgat ggagagagag agntnaagac cancttggac tacagnngnt ctgtattaaa 180
 actaacaaaa antgagctaa naggttagga agatggctca ntanatnnnn gcatttgcca 240
 acaacctgag ttccatccca ggaacctatg aaaagactga gggacanaac gaacttcaaa 300
 agttgnccctc tgacctgctc atgc 324

<210> 100
 <211> 389
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 100
 tttgggaaag cacagggncc tgtgtgtgtg gcctgtccgg cagagagcct ggtgggcatg 60
 gacatcttta tccacatacc ttagtgtgac cagcccgaca gaaanttnnt aaggccctct 120

ctggtgcccc	agaataccat	ggngacctat	cactatcctt	tctgcctttg	gatgtcccag	180
cctggatctg	tcaccaggag	aggattgtgg	gcctccacgt	tagtctgtga	atgcacactt	240
cgagtgaactt	gtgtgcaggt	tttgagagcc	ggttntgcac	tagctgctcg	acagctgctg	300
ccatggcccg	tgctcttgca	catgcgccgc	tgngggcatg	ggaattgctg	tcagacctca	360
gctgtgttgt	atggctgctg	attaaactg				389

<210> 101
 <211> 396
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 101						
agacccgcat	cttgatggaa	cccacaatct	cactgcgcag	cactgttgcc	attggcactg	60
acctggggac	agcaggagcc	atgtgaggtg	tgacctctac	cacatctggc	tcaactgcaa	120
gcatgcagtc	ttccagctca	ccaggtaaaa	aggagtcccc	accttctgtt	tgaggnaang	180
nctctcactg	agctagagtt	ctcatttttg	ctgggttgca	gcacattgnc	attggcactg	240
acctggggac	agcaggagcc	atgtgaggtg	tgacctctac	cacatttagg	ctcaactgca	300
agcatgcagt	cttccagctc	accaggtaaa	aaggagttcc	caccttttgt	ttgaggcaag	360
ggcctctcac	tgagctagag	ttctcatttt	ggctgg			396

<210> 102
 <211> 254
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 102						
gactgaggga	atgacaaggt	ctgcgtattc	agcacagnta	tttctccaga	atattatagt	60
ctgcagttga	ttgaacctgg	atgcagaact	tgaggccatg	aagatcaaga	acattgtaaa	120
tgacaacaata	aggggggaaat	gcaattaaaa	agtgggctga	aaaagtaaaa	acagacttta	180
ttagagaata	tacataaggt	atcctcagtt	gatagaatgt	ccccaataaa	tggcctgtca	240
ggtaaaaaaa	aaaa					254

<210> 103
 <211> 211
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(211)
 <223> n = A,T,C or G

<400> 103						
acgacccgcc	tgttttcccg	gggtanaccc	ccgcccttca	gcatggcatg	aagaggagcc	60
ttttnattag	nnactcacan	nnccgcagcc	atcaaacagg	cagcaaggct	tcaccagcaa	120
gaccgaaaca	ggagcaaggg	ggctggnag	anggctcanc	aagtaaggag	cacccgacta	180

ctcttctnga aggnccggag ttcaaattccc a

211

<210> 104

<211> 451

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(451)

<223> n = A,T,C or G

<400> 104

ttgggactac	atggtaatcc	catgatatag	ctgactttcc	ccgacccgtt	catcacagga	60
tccccaactt	caaggggtcc	tacctggctg	gccagagcat	cagagacctg	gaagtctttg	120
ctgggacaca	ggaagtga	gtggaccctg	ataagccct	ggaaggtgtc	cgattcctgg	180
cactgcagag	caaaaaaaca	ctgctgggtc	caacaccacg	actgcgaaca	gggctgttta	240
acaagancac	gccacccct	ggagccacca	aagacattct	gaggaaatgt	gccacctccc	300
anagcaggct	gggaancaag	cctntgtcat	ttggaaccgn	tgacnggagc	ctgattgcct	360
gtcaccagac	actttcacag	ncctgctaaa	ctggnnctgg	aaacncactn	gagggatgga	420
gagccagggt	tcgcgtctta	catacaataa	c			451

<210> 105

<211> 255

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(255)

<223> n = A,T,C or G

<400> 105

tagccagaac	cttgggtgttt	tganagccgt	aaaggaagac	ctcgataagt	tcttcggggag	60
attccagggt	cttcagctca	aacatggcct	ggctcacctg	ctcaatgtga	gacattcgag	120
atccctgtgg	gccaaacaga	gatttcanta	ccagcgactg	gacctggaat	acttctggat	180
ctttcaggtc	ttcaggaact	ttcaccacacg	gggggatgtc	tttacgggtc	atgaggggta	240
ccatcataat	tcctg					255

<210> 106

<211> 465

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 106

gactgaggac	agcatccacg	ctgaaatctg	ctttttatac	tggttccatg	acnaagtact	60
gnaagtgtctg	tctccgagag	aagagttcaa	gatcacctgn	tntatgtcct	gnagcccctg	120
tttcgaatgt	gnnagcagg	tactaagggt	cctggctaca	caccacaacc	tgagcctgga	180
catnttcagc	tcccgcctct	acaacatacg	ggaccanana	aaccagcana	atctttgcag	240
gctggttcag	gaaggagccc	aggtggctgc	catggaccta	tacgaattta	aaaagtgttg	300
gaagaagttt	gtggacaatg	gcggcaggcg	attcaggcct	tggaaaaaac	tgcttacaaa	360

tttagatac caggattcta agcttcagga gattctgaga ccttgctaca tcccggcccc
 ttccagctct tnatccactc tgtcaaata ctgtctaaca aaagg

420
 465

<210> 107
 <211> 352
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 107	
gtggagacct gaaccaggag tatcttattt tttttctata cggaaaccct tgagaatgaa	60
gacaccggag gaatatatca anccttgctg tgccaaggcc ccgtggaact cacanggggg	120
aagaaangga ncaaanggca ttctatcctt atttaatgat ggtnctggt tgagnctant	180
aacctgtgag tatgtgcaac atgcatcctt tagttatgac ggnctacnac ttngaantnag	240
gctntttttg gtncaaaaca tnaaatatgn gcttnnactn ctnntttttc ttttaannat	300
naaacttatt tcattacttt nctgatnaca actntttttt cctttcattt gg	352

<210> 108
 <211> 116
 <212> DNA
 <213> Mus musculus

<400> 108	
gctgtctatt gatggtatgt ctgacagtgg accacagctt gattcaatgg gtagtctgac	60
catgaaatct caacttcaga tcaatgtcat ctacagccaaa cttaaagaaa ataaaa	116

<210> 109
 <211> 246
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(246)
 <223> n = A,T,C or G

<400> 109	
tgagcctttg cttccttact ttgctggana ccagcatgct ggagtcaaca ttcaagcaga	60
ccaggactgc tgcctcttcc tccagctgtg tctctctgtc tgcgcagntg ctttgatcca	120
tgtgggccgt ctttgagatt cctcctnnga nagecgcctc agcatgtcan cagcatcgaa	180
atcccaagtg ccggaggagg cancngcctg nntgcgagga agagcccaag ggaaaaacac	240
ttctca	246

<210> 110
 <211> 216
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(216)
 <223> n = A,T,C or G

<400> 110
ggacaccctt ttgccttgga ccctgtctca acctggcaca ctgaatgcc tgcctaaagt 60
gcccttgag gttagnccaa gttctcttnt ccctagcccc agtgccacaa gttncacaca 120
ccgctactgc cagcgccagc acccctttgc tggtcttntt ttaccctatg gtcctctgat 180
caccaatcan atgctgctgt gatttttttt tttttt 216

<210> 111
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 111
ttcatagacc acctgtcctt gctactgagc ccactcanc aaagatttat tatanngtcc 60
gtacactgtc gctgnttca agacacccca naagagggca tnanatctca ttaaagggat 120

<210> 112
<211> 290
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 112
gtgaaacggg tacactatgg cctctctgaa gaggtttcag acgctcgtgc cctgggatca 60
caaacaaggt accttatttg aaatnattgg anagcccaag ttgcccaagt ggttccatgt 120
cgaatgcctg gaaaatccaa aaagactgta cagtgggaacc tctggntact tggnaancat 180
cgatnggnat aggatgggng agcacatnca ncancttnta tnttatnnnn nncacnngt 240
tccntgtgan cntgtggggn cctgatnagg ngagctaaga tttgatatt 290

<210> 113
<211> 101
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(101)
<223> n = A,T,C or G

<400> 113
cgaggccagc ctagtctaca tagcgagtnn ccagctctat gtttctctcc agccagaaat 60
acatcctgtc tcaaacaaat aaattgataa aaggaaaaaa a 101

<210> 114
<211> 191
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(191)
 <223> n = A,T,C or G

<400> 114
 gaacccttga ttcacggaca tgccgacatg tagttgaaca tgnnncacac accngctgtg 60
 acagactgnc ngatanctga acctacatcg tcnagcggaa gatgnagcct ttctacagga 120
 cagcatggag atgcaaggca atacagagnc atagaatgtc ggccacccag gacgagggtg 180
 taccggggc c 191

<210> 115
 <211> 157
 <212> DNA
 <213> Mus musculus

<400> 115
 gactgagggtg gcagcatgcc ccgggcctcc ttgtgatgtc aggaggctgg acagccaaga 60
 aagaagaaaa tggactccct ccttctgaag acttgcctgg aagccagccc cgagtgtgtg 120
 agtgcacagc gcctccaacg agaacagcta agagggtg 157

<210> 116
 <211> 248
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 116
 actgagggtc ctgctagctc caccttgagc aactgggca gtatgggctt acagcagcaa 60
 gaggaagtgt gtgaggtcac cagccgagga gtggatgggg agaagagaga acggannctc 120
 attngaaat acattgtntc agctgnnaaa ccggacaggn ncattgtcca ccangccang 180
 aggacaangg gancaccaat ctctatagca ggatttcaga tggccgagga tnctaaactc 240
 agtgtcta 248

<210> 117
 <211> 319
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = A,T,C or G

<400> 117
 gactgagggtg gggctcttca tcatcatggc agcaagcaag acctcgcagt agcctgcctg 60
 tcatccgtg aaatgagggc cgaccccggtg cctctggggg cggagtgtga gaaaagcacc 120
 ttggcgtgct cggctctgcac agggcctgac tcatagcacg ccgcgccgca agcgcgntc 180
 gctgcagcaa acaataggca ttctgaccga aggcgcctta gttggccacc aagctgtttt 240
 gatgctaaag gtgaagctag cttttgcaat gaagtcttca aattttctaat taaatcttgt 300
 ttctagaacc aaaaaaaaaa 319

<210> 118

<211> 139

<212> DNA

<213> Mus musculus

<400> 118

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ccctcccaag caccctgctc cctcccaggt gactctgcct agcacatgct tcagcctcca    60
agtgactcca ctgaagccca gtgcagctgg ggtggggagt gtcaataaat gtgagcaagt    120
gtgtgtccaa aaaaaaaaaa                                         139
```

<210> 119

<211> 488

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(488)

<223> n = A,T,C or G

<400> 119

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gactgagatt ctgatgtatg tcaggtccca aagcaaccct agacaaatgg aagccctgga    60
gagtgtcggc cactacaatt ctttattgga aaacactgcc ccaccgcato ttgcagtttc    120
tgtttaaggg atcggcctaa aaatctatgc ccacaggaat gatctaagtc caactcaatg    180
gactgaacag ctaagctgcc tttcttggct tcttagagga atttcaacat tctcaacagt    240
acctatggct tcagattcag aacaactctc actctttttg gaccaagaca acttctttcc    300
actccacaca taaccatcct tcctgncagc acttngactc cgacttgttt taggccatac    360
atctacattt ttactattgt tttcagccat tttaaacaaa ttctttacaa tttccagtg    420
tataaatact gtgttttcag cttttctaag angaaagtnt cttntgggca ctttctggac    480
ggatctaa                                         488
```

<210> 120

<211> 500

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(500)

<223> n = A,T,C or G

<400> 120

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actgagtttc aagagtctaa aatcaatggc ctanctgaag atttgatatg gaattgcaaa    60
acgtancacc agtgaaatcc ganggatgtt ttcttctaaa acgaanccag cagacgagca    120
gagtatatac tgaaattgga gagaatagct ccacgcgaag caaatcatta agcccttcat    180
cctcaggtag agtgaaggag gaggatctta agctcctgcc tcccaagnnt gatcggattg    240
agctatgtgc gatngtcaga gaagcaggag cagctctact cgggcctctt caacagantg    300
aaaaagtnta tcaacaacct ggaaaaaaac acagagatgt gcaangtcac ggatccaatt    360
gagaaaaatg ccaatcacen tttactacac cgnacagtnt tacacacctg agaaantggg    420
aggaanatgn ctcagcnatg ctgaaagaac ctacgcactg ngaggccaac cnttgacctg    480
atntttgaag acatggaagt                                         500
```

<210> 121

<211> 176

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 121
 gaccgagagg acagttgcta cgggtganccc ccgctcattc tttctaagga atcccattag 60
 ttnttgcaaa gaactgnatt nacttcgaaa cctaaaaaac aaccaatatc cgatatgcac 120
 gaatacttct gctatcaaga gtctagattg gataattacc agcaagggtga cgggaa 176

<210> 122
 <211> 435
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(435)
 <223> n = A,T,C or G

<400> 122
 tgagcacaga agaaaagcga gcnaccagga aaggccgtcg gaaaaaggat gtggncnatg 60
 atagtgatga nagagtgtc atggagcgac ttaagcaact gtctgtacca gccagtgatg 120
 aggaanatga ggtgcctgcc ccntacccc gaggacgaa naaggccaag ggnggaaatg 180
 tttttgaagc cctgattcag gatgacagtg aggaggagga anaggaggaa gaaanccgtg 240
 ttctcaancc cgccaagcca nagaaaantc gcatcaataa agccgnggnt gaggaacctc 300
 ntgggctcag gagtaaaang ggaanggagg aaaaatcaaa ngggaangcc aanagtaanc 360
 ctgctgntgc aaacagtga ggggaaaagg aggaggagga cncagctaan gaaaaggacc 420
 ctctcacca gggga 435

<210> 123
 <211> 284
 <212> DNA
 <213> Mus musculus

<400> 123
 gctcttgggg tcataagaag tttcctgaag tcttcattgg tcagtthtga ttggtggaag 60
 gaatgaagat catgcacatc atggccatct ggagccaaag ggttacagag gggctcacta 120
 tctccctctg gcattctggc ctgagctctc cagtgcctgc aattgaaaaa tgtctaatat 180
 tgtcttttaa cagaggattg ttaacatata aactgtcttc tataatataa atgtcttctt 240
 agattgtaga aaattattaa aatttaattg taagtaaaaa aaaa 284

<210> 124
 <211> 508
 <212> DNA
 <213> Mus musculus

<400> 124
 aactgaggca agccgagtgc tgggttgcttc ccgtaatttt gcaaatgatg ctacatttga 60
 gattaagaaa tgtgaccttc atcggctaga agagggcccc ccagtcacca cagtgtcac 120
 cagagaggat gggctcaagt actacaggat gatgcagact gtgcgccgga tggagctaaa 180
 ggcggtatcag ctgtataagc agaaaatcat tcgtgggttc tgtcacttgt gtgatgggtca 240
 ggaagcctgc tgcgtgggcc tggaggctgg cataaaacct acggaccacc tcatcactgc 300
 ctatcgagca catggcttca ccttcactcg gggcctgcct gtgcgagcaa ttcttgacga 360
 gctaacaggg acgaagagga ggttgtgcta aagggaaggg cgggtcaatg cacatgtacg 420
 ccaagaactt ctatggaggc aacggcatcg ttggagctca ggtgccctg ggagcaggaa 480

<210> 125

<211> 514

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(514)

<223> n = A,T,C or G

<400> 125

ctgaggctgc tctttggcgt nttttgcaat cgattaggga tcgtttctca gactcaagtt	60
agaagtngga gttcagataa gtgaggccga cattgctgcc ttgaagaagg ggagaatgga	120
tttatcaggg agtgaaaaag aagagcttgc taggagtaa agagaataat anaaagtcca	180
gcactagggc tccttctcct accaaacgca aggaccgatc tgatgagaan tccaaggatc	240
cgatctaang ataaaggggc cactaaagag tcaagtgaga aggatcgtgg cagagataag	300
actcggaaga gacncagtgc ttcaagcgga agcagcagta ccagggtctag gtccagctca	360
acctccagnt cggggctcca gcaccagcac aggtcgaagc agtgggtcca gctcgtcctc	420
tgcatccagc cgctcaggaa gctccaggca cgtcccggag ctccagttct agcagctcct	480
ccggtcctcc aagcccttct cggcgcaagg catg	514

<210> 126

<211> 537

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(537)

<223> n = A,T,C or G

<400> 126

gaactgaggt tgcctatcag agagaanttn tagtacnaga tncatgaggg ggnaattgat	60
ngaattccagn acgatggatc cgngntcanc ttggagtcca tgcttcntnc canacacgac	120
tgccataaaa ccttctntac tcgngncacn ggtttcanga ccttgngnga nttgacatnc	180
aatgacntgc ttttacttgc ncttanaact ggaatgacac tttctgggaa tnatacaagt	240
ttggctccat cacgtanaan tttatattga cagattcgaa gatttcgaga agtcgngctg	300
tgacccattt ancatacaca agnaagctag ccatanacaa cctgcacgnn attgacttan	360
atgatgccac ttttctgagc gccaaagttg gaagacagct tgtacctggt tggaagcttt	420
gccccaaatg taccagatc atcaatggaa gtgtggacgn tgattcagat gaccgccaga	480
gacggaaacc cgactcanat gtatgtatag aggcccnttg tgctttctac agagaaa	537

<210> 127

<211> 437

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(437)

<223> n = A,T,C or G

<400> 127

gactgagatg caaattccat ccactccttt ccacttaaag atattctcct gggagatcga	60
---	----

gaaatttcag	ctggaatttc	atcttatcag	ttactgaatt	atgaagatga	gtcagatggt	120
tccctctatg	gaaggcgaag	caaccatatt	gtgaatgacg	tggggattaa	tgctactgga	180
tctgattcca	tgcagatcaa	agcttcattt	ggtgtcgtga	ccaaacatga	ggtggaagtt	240
tcgacattac	tcaaggagat	tactgcacga	aaaattaact	ttgaccacag	tttgatccgc	300
caatcaagga	gcangcagga	aggcgggtgct	gtgccgtggt	catgggagag	catccgaacc	360
acaccgccag	tgtctctgt	cgntgcacgc	tgggattcgt	ggggaacccc	ttgcnngntt	420
cattttatgg	atgaaca					437

<210> 128
 <211> 495
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 128						
actgaggcag	cccggaggcc	cgggctccgc	ccctaacgtg	acacagatct	gacgcatgcg	60
cagcggcgcg	cgctgtttcc	ggnagtgtcc	tgtgtctgtt	nagtggcggc	ctccgacatc	120
cccacgtctg	ttttgtgca	ggaactctgc	agcgtggacc	ggcgtcagcc	tgggcggggc	180
caaggttccn	gtctggcgcc	gcaggatgga	gataatccgg	agcaattnta	agactaatct	240
tcacaaagng	taccaagcca	tanaggaggc	tgacttcttc	gccatnnatg	gggggttttc	300
aggattcang	aatggaccct	cagtaacatg	cattaacaag	tggtntttga	caccccanaa	360
gagagatatc	agaagcttaa	aaagcatttc	catggacttt	ttgctggtct	cantctggcc	420
tttgtgcttt	taagtatgac	cacacanatn	ccnagcatgg	taacgaagtc	atttaacttc	480
tatgttttcc	ccaag					495

<210> 129
 <211> 539
 <212> DNA
 <213> Mus musculus

<400> 129						
gactgagggtg	gggtctttcc	ggccgacggc	ggccccgcag	agcccaagat	catgaaggtc	60
acggtgaaga	cgctaaaaga	gaaggaggag	tttgccgtgc	ccgagaacag	ctcgggtccag	120
cagttcaaag	aggaaatctc	taaacgtttc	aaatctcata	ttgaccaact	tgtgttgata	180
tttgtctgaa	aaattttaaa	agatcaagat	actctgagtc	agcatgggat	tcatgatgga	240
cttacgggttc	accttgtcat	caaaacacag	aacaggccgc	aagataattc	agctcagcaa	300
acaaatgccc	ctggaagcac	tgtgaccagc	tcaccagctc	ccgatagcaa	ccccacgctc	360
tggttctgct	gctaacagct	cctttggcgt	aggcggactt	ggaggacttg	cagggtcttag	420
cagcttggggt	ttaaacacca	ccaacttctc	tgaactccag	agccaaatgc	agcggcaact	480
tttgtctaac	cctgaaatga	tgggtccagat	catggaaaaat	ccctttgtcc	cagagcatg	539

<210> 130
 <211> 516
 <212> DNA
 <213> Mus musculus

<400> 130						
tccctaagga	ggaggcgctc	aggcggaggc	ctcttgtcag	cagaaccaga	gatggcatca	60
gtagatttca	agacctatgt	ggaccaggcc	tgcagagctg	cagaggaatt	tgtcaatgtc	120
tattacaccg	actatggata	agcggcgctc	gctgtgtgcc	cgcctgtaca	tgggcacagc	180
cacttttagta	tggaatggaa	atgctgtttc	aggacaagaa	tccttgagt	agttttttga	240
gatgttgccct	tccagttagt	tccaaatcag	cgtggttagac	tgccagcctg	tccatgatga	300

cgctacacca agccagacca ccgtgcttgt ggtcatctgt ggaacagtga agtttgaagg	360
caacaaacag cgggacttca accagaactt catcttgact gctcaggcgt caccagtaa	420
cacggtgtgg aagatageaa gtgactgctt cgggttccag gactgggcca gctagtgggg	480
gtgaccgagg catcttaact taagcccagc tctgca	516

<210> 131
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 131	
aaggccaggt tggtacgca cccctatggc aaagggngga acctgatgca naacatcatg	60
gacaacatgc ctatctacat gtactcgng tgcaacgngg tatccggcag accaggacaa	120
ctggnctcgc accaactggg tgtaccggga ggaggcnag ccgcattctt attgagctca	180
agttcacggt gcganantgt aacagcttcc cggggggggc cagntcctgc aanagacct	240
taaacctcta ctatggagga gtcagatgtg	270

<210> 132
 <211> 243
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(243)
 <223> n = A,T,C or G

<400> 132	
cagagctgac tgctctgang acaggagctn ngcctgattn cacnntccat tgtctgatgt	60
ntcaganant atnccagcgc ccggagatgt ancggtcctg cncctctgtgc nttnttatan	120
aagaaagacg ancttattct ttcctgnagg ctgaacanta ccgcgtgagg atccattttc	180
agganntccg ggaaagagac gaacttgnac acanacttat gnccgatcac tttcttgatg	240
atg	243

<210> 133
 <211> 473
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 133	
gctaggatcc cacacagact ggctcacatt aaatgtanga ggacngatac ttcacaacaa	60
caaggagcac tttagtgant aaagagcctg acagtatgct ggcgcacatg ttcaaggaca	120
aagggtgntg gggaaataag caagatcata gaggagcatt cttaattgac cgaagtcttg	180
agtactttga acctattttg aactacttac gtcattggaca gctcattgta aatgatggca	240
ttactttatt gggttaagtat ttcacaggca tgggagtact gtaagtatgg cagtgtaggt	300
atcaggatgg ataggtagtc tttctggctg agtatctttg cttatatgtt tctttagccc	360

acaaattttt tatttggatt ctaagnagat ttaagttcta tcacagggga ctttnatagg	420
ttggtattgt ttctttggat taaatgactg gttcttcact ttaaaaaaaaa aaa	473

<210> 134
 <211> 370
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 134	
aggaacaccg catcccttgg gaactgacgn tataggaaac tgtgaacacc tgcagtgagg	60
gctgagaacc aaactggngc tcnctagaaa agcagccaag tgagagtaat gaccaagcat	120
tctctccagc ctggtacttg cttttaaatg gaggtaactt ttgnntccgt gtggctcctt	180
actatttaga acttaancaa agaaggcaca gaatctcaca aaatatttat tgatttggtc	240
ttggctcatt tttttttaag ccaaaaatca gattttataa acatggaaaa tatattcaaa	300
atgttttcca ctaacatgga agatgggaac cattgcttta ataaataagt gtaacactag	360
aaaaaaaaaa	370

<210> 135
 <211> 508
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(508)
 <223> n = A,T,C or G

<400> 135	
ctccgtacct gcctctggat tncccaggca ctgaccactt tgtcatcatt gctcagctga	60
aggaagaggt ggccactctg aagaagatgc tgcatacaga ggatcaaatg atcctagaga	120
aagagaagaa gntctcgn ntagaccogt ttgcnngtca gagcctnnca gtntgagacn	180
cctggccnaa tggngcnnga tgntnactnn ctggtaggag ntnnccatng cactgaangc	240
naaataaccnc tngcttcnna aacaggcagc tgccttgtcc aagagcaaga agtctgagaa	300
gtcaggcacc ataacgtctc cgtgaagacg tgaggaggct cccagcacca agccogtgct	360
cccggntcag ggctgctgag ctggctggtc tctgggaagt gtgcttccta caaaatctct	420
atattttctt accttaccct ctttgnctcg atgcaggggc tgaaaggaac tcctggtctg	480
ngccctgntn tggtgcatg ctgagcgg	508

<210> 136
 <211> 341
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(341)
 <223> n = A,T,C or G

<400> 136	
gactgagcgg ccttttnaga gagtatgaag agagtgcgtc tgtagggcag ggaagatggc	60
ggacaagcgc aaactccaag gtgagattga tcgctgcctc aagaaggtgt cccgaagggg	120

tgagcagtt tgaagatatt tggcaaaagc tccacaatgc agccaacgcg aaccagaaag	180
aaaagtatga ggctgacctt aagaaggaga ttaagaagct acaacggctg agggaccaga	240
tcaagacatg ggtagcatca aatgagatca aggacaaaag gcagcttatt gaaaaccgca	300
agctcattga gacgcaaattg gaacgggttc aaaaaaaaaa a	341

<210> 137
 <211> 528
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(528)
 <223> n = A,T,C or G

<400> 137	
tgagatacca tgatggcccc ctttgcattc ctggcatctg gcatcctctt gttgctatca	60
ctgatatgctt ccagtaaggc ctgtagctgt gccccacccc acccacagac agccttctgc	120
aactcggacc tggtcataag ggctaaattc atgggttccc cagaaatcaa cgagaccacc	180
ttatnccagc gttataagat caagacgact aagatgctaa naggattcaa ggctgnggga	240
aatgccgcag atatccggna cgcctacacc ccagtcattg aaagcctntg tggatatgcc	300
cacaagtccc agaaccgcag agaagagttt ctcatcacgg ngccgcctaa ggaacggaaa	360
tttgacatc agtgctgca gcttcttggg tccctggcgt actntgagcc ctggctcaag	420
naaagaagct ttctcaaaga cctatagtgc tnggctgtgg ngtgggcaca gtgtttccct	480
gtttatctat cccttgcaaa cnggnagaag ngacactcac tgtttttg	528

<210> 138
 <211> 181
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(181)
 <223> n = A,T,C or G

<400> 138	
cacacccagt cctgtggacc cagacaccgn ngagggtgcta ntgaccttg aacctgatcc	60
cgatgatctc gccctgtcaa gcattccagg ccatgagact ttgaccctc ggagacaccg	120
cttctcagag gaggaactga ttgcctcaac caatcataga ntaaggcaag gaatgtccag	180
g	181

<210> 139
 <211> 530
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 139	
gactgagttc cggttcctag caaatttact agncgagtat caggctgggn anntangtta	60
ngccctgctg ntnaagannn ngatnaccat ccgagggtgg tatcntgccc atactgnatg	120
anctaagntg ccgagatnca ccaactatgt atanatatn annctatat atactcatag	180

acacacacca cncnctctcn acanctnnnt nccatgttng anntgntgtg ncgtttnnnc	240
cgngcgtgtn attgaccang gcgacgacgg ggaccncttt tatgtcatag aacggggaac	300
ctatgaentt ttagtaaega aagataatca ancacgttct gttggtcagt atcgacaacc	360
gtggcagntt tggagaacta gctctgatgt acaatacccc gagagctgct accatcatcg	420
ccacctcaga nggctccctt tggggattgg accgggtgac ttttanaaca ntcatagtga	480
aaaacaatgc aagaagagga agatgnttng aatcatttat tgaggtctgg	530

<210> 140
 <211> 437
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 140	
ccagatggag acgtgagccc ttggtgctac gtggccgagc atgaggacgg agtctactgg	60
aagtactgtg aaattcctgc ctgccagatg cctggaaacc ttgntgnta caaggatcat	120
ggaaaccac ctctctcac gggcaccagt aaaacctcta acaagctcac catacaaacc	180
tgtatcagct tctggcggag tcanagattc aagtttctg ggatggagtc aggctatgcc	240
tgcttctgtg ggaacaatcc tgactactgg aagcacgng aggcgccag caccgagtgc	300
aatagtgtct gcttcgggga ccacacgcag cctgcggtg gggacggnag gattatcctc	360
tttgacagtt cctgctctgn ttaagatact gtctgnactn ccttcaaaaa tgaacggnna	420
tatggaactg taaacca	437

<210> 141
 <211> 450
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(450)
 <223> n = A,T,C or G

<400> 141	
gactgaggac ggagatgcta tgnttggagg tatgcttngg tggccccac cgggtgntcnt	60
naccaagctt aangntgacn gtctangcac cggaggntna cancnngtn nntcagacan	120
ctncgtgat agnccagaag gcnccagact ctnattctga tgtactggaa nttnaggana	180
tcctgatgaa gtcactctta gctcactnag gaagcgctaa atcangattg ctncntant	240
attttagaaa ntgtgcntgt ncttaaangn naggggcttt ttgacatgaa ctggagaant	300
gtaatggaaa gtnccttaga agaggnactc cacgcgaagt ttactttcna cctnaaggtc	360
tccattntcc tggacttaac cagaggctca agaggttaga agaactctcg cactatnctg	420
ctcccactcc tgaagagggt tccagagcgc	450

<210> 142
 <211> 121
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(121)
 <223> n = A,T,C or G

<400> 142
ctagcgccaa ttacatcaag aagatattnac acagcgnggg tatcgaggcg gacgangacc 60
ggctcancaa gggtatcann gagctgaatg gaaaaaacat tgaagacgtc attgccagg 120
g 121

<210> 143
<211> 528
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(528)
<223> n = A,T,C or G

<400> 143
ctgagctcca gccagggccc agtntgtgca tgcggggcag gcctgtgtgg tgaaggagga 60
taacatcagc gagcgggtct acaccatccg ggagagcgac accctgggtc tgcagtgcct 120
ggtcacggga caccctcggc cccaggtgcg gtggacaaaa actgccggca gcgcacgga 180
caagttccag gagacgtcgg tcttcaatga gactctgcgg atcgagcgca tcgcacgcac 240
gcagggaggt cgctactact gcaaggcgga gaacggagtg ggcgtgccgg ccatcaagtc 300
tatccgcgtg gacgtgcagt gtgagttatg gtctctcgag gttctggacc ctgacgggac 360
gggcccttcc agggctccgg acccctcagg gatgagaaaag ggagatagga tggagcagtg 420
gcaaggtagt gaagggtcgg aaagacctct ctggaaaatg tcagctgtgt gttgcccttc 480
cgccctgtat ctccctaaac catttctgca ttttccatgt cctctcga 528

<210> 144
<211> 373
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G

<400> 144
gtgaggtgtg aatgaggcag gatgaactgg acaggtctat acaccttgct cagtggcgtg 60
aatcggcact ctacagccat tggccgagta tggctgtctg tcattctcat cttcagaatc 120
atggtgctgg tgggtggctgc tgagagcgtg tggggggatg agaagtcctc tttcatctgt 180
aacaccctcc agccgggctg caacagcgtc tgctatgacc attttttncc catctcccac 240
gtgcgcctat ggtccctgca gcttatcttg gtttccaccc cagctctcct cgtggcaatg 300
cacngtagct naccaacagn acatagaaaa gaaaatgctn cggcttgagg ggcattggga 360
cccccttcac ctg 373

<210> 145
<211> 426
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

<400> 145

actggaagac	tcagtcctag	gcccgtggg	aaagtggcat	tgtttctgca	gcctgggcag	60
acaggaacgc	agccgtcagg	tgttgggcac	ggcaccagtc	cctgtgttca	tggaaccgaga	120
gaagctggta	cagatgaggc	cgtgccggca	acaggattgc	tcattcttga	gcctgaagga	180
ctgcaactag	aggccctgag	cagaggtgan	caacanacgg	gncatggnaa	tgctagnacag	240
aactggctga	cagatctagn	gcaggnactt	aacatgaggg	cgcgccctt	taatcccagc	300
acttgggagg	cagagacagn	cagatctctg	gggttcnagg	gccgcttgat	ctacanaatg	360
agttcccaga	agntccagga	gcggccnagg	attnacagat	aaaccctgtc	ttgaaaaata	420
aaaaca						426

<210> 146

<211> 186

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(186)

<223> n = A,T,C or G

<400> 146

ctcacgtccc	tcaagctcct	ctcccgc aaa	ggccccagc	ctccgtgcaa	gcattcttaa	60
actctttacg	cctaacngaa	caagcacagt	tttttcaacg	gtgaagaaaa	agcaccagac	120
ttgttttcc	gaagaaatcc	cccaagccgc	caaccccgtc	tgtgggacaa	acattcccca	180
gcgtgg						186

<210> 147

<211> 185

<212> DNA

<213> Mus musculus

<400> 147

tgagggtgacc	ccatctctgg	tgttcgccgt	gactgttgcc	acgatcggct	ctttccagtt	60
tggctacaac	actggagtca	tcaatgtgcc	gagtatggca	ggtaactatt	ggtacccgct	120
aaaagtttta	tgacaaagtc	ttagaaataa	actggctttc	tgaaactggc	ttctaaaaaa	180
aaaaa						185

<210> 148

<211> 486

<212> DNA

<213> Mus musculus

<400> 148

cggactctgg	gtatttttcc	gtgctgctgg	atgtgaagca	cttcttgcca	gaggaaatct	60
ctgtcaagg	ggttgacgac	catgtggagg	tccatgctcg	gcacgaggag	cgcccggatg	120
aacacggatt	cattgctcga	gagttccacc	gccgataccg	cctgcctcct	ggtgtggacc	180
ctgctgctgt	gacctcagca	ctgtctcctg	aggggtgtcct	gtccatccag	gccacaccag	240
cgtcgcccca	ggcccaactt	ccgtcaccac	ctgctgccaa	gtaggggtcc	cagctgcaca	300
ggaccgaacc	caggaagcct	ctttaggctc	tcttttaaaa	gccgatctga	ctccactgcc	360
cagccagatg	tccaatttcg	ccgtcaagac	agcctttccc	aaccacacct	agatgtcctt	420
cggagacctt	tccacccta	agcctacctg	agccctagta	acctagacag	cctccctaag	480
ccctct						486

<210> 149

<211> 255

<212> DNA

<213> Mus musculus

<400> 149
 tgaggatccg gaaaggggga gtggcttccg gcatgaagca cgtagaaaca aactcctgtg 60
 atgtccagcg actgttgac gtcaagggca agaggaatgt gctggctgga gaggtggaaa 120
 tgccttgaa gagtttcaac agaggggatg tcttctgtg ggaccttggg aagcttatta 180
 tccagtggaa tgggccagag agtaaccgca tggagagact tcgggtaacc ccatcagggc 240
 acctcatttc tgcaa 255

<210> 150
 <211> 541
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(541)
 <223> n = A,T,C or G

<400> 150
 actgagtga aggtaaagag caagagaaga cottagatgt caagtccact aaagcttcag 60
 tagccgnaca ttccccacaa aaaagcacta aaaatcatgc cttgctggag gctgcaggac 120
 caagtcattgt ngcgatcaat gccatttctg ccaacatgga ctcttttca agnagcagga 180
 cagcaacgct taagaaacag ccaagccaca tggaggctgn tcattttgga gacctaggca 240
 gatcctgtct ggactatcag actcaagaga ccaaaccag nctttcaaag acccttgaac 300
 aagtcttgcg tgacactgtt gtccttccat atttcttca gtttatggaa ctccggagaa 360
 tggagcacct ggtgaaattt tggtagagg ctgaaagntt tcaactctaca acgtggtccc 420
 gaataagagc acacagtcta aacacagtga aacagagttc actggctgag cctgtctctc 480
 catctaaaag acatgagact ccagcatctt ctgtaactga ggctnttgac aggaggttgg 540
 g 541

<210> 151
 <211> 550
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(550)
 <223> n = A,T,C or G

<400> 151
 acgaggagga agagatanng accaggactc tgctgaggaa ggactgcng naaagnncnn 60
 ganaccgagg ncgacncang ancgntngca ggcttgagan tggggnancc tcctgcagga 120
 cattcgacct ccatgcttga taagtattgg cctcttcttg accgggctcn tgcttcccaa 180
 gtgtgccgna atngaatca gnagcancag aancnntga agctgctngt gacatactgt 240
 nancnacttg agaattgtgct ctttagaaac gctgggannt atctcgnctg cccggccaag 300
 ctttatggat ntaccaaagt cttncnata aaatatttct actagaacta ccatttgcta 360
 agtgatgagt tgtagctcg cactgtcttc tgaaaagcat gttccgctta gaacattttg 420
 cgcattgatg ttgtcagnga gaaccccgga nacaagacac actttccaca ctatncagaa 480
 gagcagctgg gatgccttta atnaaaacac ttnaccctaaa aagtcaacct aagtgatgta 540
 ttttttattt 550

<210> 152
 <211> 222
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

<400> 152
 gactgagttt atgcaggctc ttggngaagc tgggtgctgct gctgctgtgt gattaccgcg 60
 gacagacctt gngaccgagg ccngcgctgg cagctggana tggcggacac accgtcagtg 120
 tatgaaacca gatttgaggc ggccgtnaan gtgatncaga gtttgccgaa naatggtatg 180
 tgcagtgggc tctaggtaaa agaccttttc cagctaaaaa aa 222

<210> 153
 <211> 483
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 153
 cggctcactt tcttccntng gccatcaanc tanggaggtc ctgnnngcna gcnatngnnc 60
 atgacatatg ctnnncgnt ngngntttng antgnncgng tntggtactt gaactngana 120
 nnttcngcc tctncaatgt taanagancc accatcccng aaacattagg tnccttgatg 180
 atactccatc ctgtatttgt ttgaaantg tacactggtg tgagatccct tggaaactgga 240
 gttacagaca attgtgagct accatgtggg tgctgggaat tgaaccagg tcctgtggaa 300
 gagtagacng tgctcttaac cactgagcca tcgctcnggc acctgtgtgt ctggtcttaa 360
 acttgaacag gctgccttgg aaactcgcca tgctatggtc tgggggttaa ggtatatgcc 420
 tcagcctact ctctgaattt ttatttttac tttatttggg ttctcttttg tagttctgtc 480
 tcc 483

<210> 154
 <211> 414
 <212> DNA
 <213> Mus musculus

<400> 154
 aactgaggtg agaggcggtg gccgaagccc gagcccttgc gggagggcgg attggagcgg 60
 cgctgagcac ggcgggcaca ggcccggatg atgaggtaca ccacctccgc caggttgagg 120
 ataatgcaga tgccggagggc tgcgagcata aagacagtga agacggtttt ctcggtgggg 180
 cggggacacc gaagcagtc actgtgttgg ggcaggggaa ggcttcacac ttgaccagcc 240
 gcaccatggc atagccgggg tagagcagat agaagacata catgaagaca gcctcgaaca 300
 gcagccggaa caccacactg atgacatagg tccaccacag tgcacctgag atgtgcacct 360
 tgtgtctctt tacctcttcc aggtgaaggg ggtcccatg cccctcaagc cgta 414

<210> 155
 <211> 479
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = A,T,C or G

<400> 155
 actgagggcc gtccggcgcg ccaccactct gccaggtct ccaactaggg gagcggagaa 60
 ttttcaccaa cggagccgaa cgctgacgac taccgggaac aagcgaaacc ggcacgctca 120
 tcctcccgcga ttagttccca gtagggaact attttccggt acactctagg cgttccaact 180
 cttttcanaa gagcttccgg tttccacca cctacttccg ctgtcccccac ctcttttctt 240
 ccggcaccgg gatattgagcc gttctcgcg gaaccgtccc tctttctaag ccggcgatcc 300
 gtcagggtga agccatgttc agctccgagc gccaaagatcg tgaagcccaa tggcgagaag 360
 ccnggacgag ttcgagtctg gcactctctna ggcgctgctc gagctggaga tgaactccga 420
 tctcaaggcg cagctgcgtg aactcaacat caccgcancc aagggaatc gaagtittg 479

<210> 156
 <211> 293
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 156
 gaactgagga gttcccttcc ccaagaactt ccagcaggtc tgcaccaaga tcctgacccg 60
 actcttccga gtctttgtcc atgtctacat ccaccacttt gacagcatcc tcagcatggg 120
 ggcggaggca catgtcaaca cctgctataa gcacttttac tacttcatcc aggagttcag 180
 cctggtggac cagagggaac tggagccact gagggagatg acagaangga tctnnnactg 240
 agngcngatc tngatgctgg tgctgtcan atggaccatc tgcagacagt gta 293

<210> 157
 <211> 226
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(226)
 <223> n = A,T,C or G

<400> 157
 gactgaggca tcagtttcaa actggaagaa aaaacggccc acagcagcct ggcactcttc 60
 agaggcgaca cgggtgtcaa anangnatn gnanngactg ganccaccn ctgtggccct 120
 gaatttgag cgcttccggg agtgggcagt ggtgctctgg agacaccaca ntnaccagtg 180
 gcagacacta cttgggaggt aacatgtgaa gcccatccca gcattt 226

<210> 158
 <211> 234
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(234)
 <223> n = A,T,C or G

<400> 158
 aactgaggtg cagtgagcct gccactcgcc ctcaactcgtg gcataccacc aaatttgggg 60
 agacacagcc tgatgtcagc atgatgcaga tatctcaggg cacaatgggc cctccntggc 120

accagagcta ccattccagc tcttcgacca gtgacctctc caactacgac catgcttata	180
tgaggcggag ccctgaccag tgcagctccc aggggagcat ggaaagaaaa aaaa	234

<210> 159
 <211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 159	
gatcaacaag aaatgttatg aaatggcctc tcacctgcgg cgttcccagt actgacctca	60
tctgtccctt cccccaccg ttccctttgg cttttgcacc cccttctttc catacacaca	120
cataccatta ttttttgggc cattaccca tttcccttat tgctgcaaaa accacatggg	180
ctgggggctg gggctggatg gacagacacc tccccctacc cataccccct cctgtgtgtg	240
tttgaaaaat ttttgnnttt gggtttcatt ttttg	275

<210> 160
 <211> 235
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(235)
 <223> n = A,T,C or G

<400> 160	
gaactgagga ccctgcagga atctttgagc tgggtggaggt gggtggcaat ggaacctatg	60
gacaggtata caaggggagg cacgtcacga ctggncanct ggctgccatt nngtcatgg	120
atgtcacaga ngatgaggag gaagagatca cncnggnaan caccatgttn aagangnact	180
ctnaccatcg ncantattag ccacctacta tggngccttt atctagacga gccct	235

<210> 161
 <211> 514
 <212> DNA
 <213> Mus musculus

<400> 161	
aactgagtga tcagagccaa agcagtgagc gagaggaggt ggattccggg aatgacatct	60
atggcaaccc catcaagagg attcagtatg agatcaagca gataaagatg ttcaaaggac	120
ctgacaaaga catcgagttt atctacacgg cccctcttcc agcagtgtgc ggggtctcgc	180
tggacgttgg aggaaagaag gagtatctaa ttgcaggaaa ggcagaagga gatggcaaga	240
tgcacattac cctctgtgac ttcatgtgac cctgggacac gcttagcatc acccagaaga	300
agagcctgaa ccacaggtac cagatgggct gtgagtgcaa gatcactcgc tgtcccatga	360
tcccttgcta catctcctcc ccggatgagt gcctctggat ggactgggtc acagagaaga	420
gcatcaatgg gcaccaggcc aagttcttcg cctgcatcaa gagaagtgat ggttcttgcg	480
cgtggtaccg cggggcggca ccccccaagc aaga	514

<210> 162
 <211> 502
 <212> DNA
 <213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(502)
<223> n = A,T,C or G

<400> 162
ctgagccttt ctgaaggcg ctgagtgaca agcagagaga ggaacattac ttctgcaagg 60
atttcattaa gctgaagaag atccccacgt ggaaggagac agcaaaaggg ctggctgtga 120
agggtggagga cccaagtat aagaaggaca agcaacttga atgatgaaaa tctccctgta 180
ccgtggggac atcaccaagc tggaggtgga tgccattgtc aacgctgcca acannttcct 240
ggngggaggc ggaggggtag gacggctgna ttcattcaggn ccgcgggata cctgctcacg 300
gacgaatgcc cgcacctac agaaactgcn aagaccggc aaagtccaag atcactttgc 360
gggctattcg gcttgnacgn gcaagtntgt nattccnnca cgggtggggn gcccatccgc 420
cgtngggccc aaccnctng nncaagncaa gggcnggnca gagctncccg nagcttgctt 480
actttgaggc aagcgcttgg ac 502

<210> 163
<211> 479
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

<400> 163
gaactgagga gtctcnattt atggatcgta agctgngnaa nnnacatgn ataacatccc 60
ntcagtacag tggacaggga ctgctnnnaa gccacancta ccnataaggng ngcatatngc 120
taccgagccn tagnagttct ccggtagctt tgtganaggc acatgaagca tcttcatctg 180
tgggcggagg agtaggagtg atctacagag tgaanaaagt cactcgggtgc taggcgctgg 240
naagtngggn nggtggaaagg ctctgggtca cagcacgtgc atcctgggca ctggaggcag 300
ctgtgcttca tgtggtatcc cagcctttca agtgtgacag aagcctcatg acaagagggtg 360
ccacagctga ctgctaagcc cagaggctga gaaactatgc ttcctaaaac ccagagctca 420
tgcgaggaat tnantttcca cctcacagaa aacaagtata aatagtggca caactactg 479

<210> 164
<211> 405
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 164
gaactgaggc ggattcgaaa gcttcagcag ctcccctatg gcggagcagg cggctacacg 60
cagtcccccg gtggcttcgg gtcgcccaca ccgtcgcagg cggagaagaa atcgagagtc 120
cgagcccagc atattgtgcc ctgtaccata tcccagctgc tttctgctac tctgactgat 180
gaagtgttca gaattggaga tgtcgagatt tcacaggcca ctattgtggg gataatcaga 240
cntgcgagga aggtccaac caacattgtt tacaagatag acgatatgac agtccgccc 300
atggatgttc gtcagngggt tgacacggat gatgccagtg gtgagaacgc cgtggttcct 360
cccgaacat acgtgaaagt cgctgggtcac ctcaggcttt tccag 405

<210> 165

<211> 411
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 165
 tctaagtatg atgctcttca gtatgtntga agaattaatt ttgcnnttac tanntatgct 60
 atgccaagct cagccccgga gtgcttcaga tgtggaggaa cngntcana nnagttttcc 120
 tcatccaatt gatnaggggg caatagctga tgcccaatca gccnttgaaa agaggaagag 180
 acanaaatcc tttatcgctg ccagcngaaa gaattcatca tttattaagg gaggtcctcg 240
 gttataaaat tgaccaccag gnttctgntt acatagtagc agtattagaa tacatttctg 300
 cagatatttt aaagctcgctg gggaattatg taagaaatat acggcattat gaaattacaa 360
 aacaagacat taaagtggca atggngtgct gataagggat tgatggatat g 411

<210> 166
 <211> 396
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 166
 catcttggca cacagcaatc ttaanccac tgaatggatg ggaacagctg gcanagcggt 60
 tctaggacct ccacctntgn tnggcancct ctcctttgtg cctctctcca agttcatgaa 120
 caccangta ttttggaact attggttngg gaacgcctcc tcagaatttc accngagctc 180
 tttgacacgg gttcttccaa cttgtgggtt ctgtccaggg gngggacntt tcttcagttt 240
 ggcattgctg tttcaccatc cgctttaatc ccaaggccnc caacntcttn aggcccaatg 300
 gggaccaagt ttgccattca gtatgggacc ngggcggnntn gaagcggaat cctganccca 360
 gggcaatctt gactatcggg agggagtcca cagatg 396

<210> 167
 <211> 509
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(509)
 <223> n = A,T,C or G

<400> 167
 cattagcaga ggggactnca tgtatntctg tnataccngc ccgtcanaca tgagaatgac 60
 ngctggtggn nctcaaagnc agacacttgn cnaagatgga tatcaacnagg tctntcaggt 120
 nntccttatn tcaaggagaa cgtctactac tggcagaaaa ctgcattgcc aagaagaaaa 180
 cccatgtaaa gaagtgcact ttgaaccccg tcttcaatga gntgttcatt ggnggaggtc 240
 cccaccgacc ttctgcctga tatcagcatc gatttccttg tcattgactt cgatcgact 300
 actaagaatg aggtggtagg gaggtgatc ttgggggcac acagtgtcac aaccagtggg 360
 gcggaacact tggagagagg tctgogagag tccccgcaa gcccatagcc aagnggcaca 420
 gnctgagcga gtactaaccc tggggccagg nggggagcgn catggngggg agaggtgaca 480

<210> 168
<211> 504
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 168
actgagctgt ttgaagccct atgcaaagct cacgggtaat gacccacttg gagaatggga 60
aagctttata aagtgggtag aagagaatth tcctgacaat aaagaatact tgatgacatt 120
atnaaaaaca ttnanngagg ggnnttttta cctaagaaga actaccacaa tgattcaaga 180
ttcatcaatt attgcttaaa atttgctgag tacaacagcg accgtcatca gtttttngag 240
tttctgtaca accaggggaat tggaaccaag tcatcatata tatacatgtc ctgggcaggg 300
catctggaag cccaggggaga gctgcagcat gccagtgtta tttttcagac aggaattcac 360
aatggaggct gaacctanag aactactaca gcaacaatac aggtatttcc aagcacgcct 420
tactgggaat ccatttgcca gctcaagcta caaccctcag aaccttttga tagtgcacag 480
attttaaacc aagggttatga tgac 504

<210> 169
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 169
gactgaggaa gttotccagc agctgatcgt aatgaatttg cccaatgtct tnatgatngg 60
aaagaccagn tnnctgggaa gannanggag gncattacaa nancntngnt gttcangcnt 120
cctntgccac ctccggggac ggactctatg aggggctcac atgggttaacc tctaactaca 180
aatcctaata agcgtcctcc acccagcccc cggaaggaga gaaatncana acccangggg 240
gaggattatc gccacctcca tcacctcttt gaattgccac tctctttttt gaatctgaac 300
tctggag 307

<210> 170
<211> 222
<212> DNA
<213> Mus musculus

<400> 170
agcacatagc cacagcactg aacctgacag aggtccaggg cccaccctca tgtgccagag 60
taggtcaatg ctcccctgca gccttgctac gtcctaagaa ttttccagtt cctgatgtga 120
ctccagacta catctctaca ttaggacca gcagcctgca gtaacagtgg gacagcaggc 180
cttggcaaca gatgttttcc gattttctga acctactggc cc 222

<210> 171
<211> 298
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 171
 aattattgtt gaggcggtcc aggacctnac gcagctttgt tgnntagacc ggngggccana 60
 acctggctgt acttcccatc cttcacatcc ttctgtctgt ncaagaacca gtctgggatc 120
 ttgtactgtc gtgggttctg catgatggtg atcaactcgt ccacctcatc cttgcgtgag 180
 ttctccagcc ctcttgggtga ggtcgatgtc tgccttcctc aacaccacat gagcataatnt 240
 ccgccccacg cccttaatgg cagngatggn gaaggctatt ttccgccgcc catcgatg 298

<210> 172
 <211> 394
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 172
 gaactgaggg ctgtctctag acctggggga cgcacccacg ttccaacacc tgctgtcctg 60
 ggtggatgat gaaccagtct cagagaatgg caccogtggg ctctgacaag gaactgagtg 120
 acctcctgga cttcagcatg atgttcccag tnnccaagcn caaangttaa cttcctctcc 180
 ngttaaccca gaactgggaa acaaagcagc atgtctcctt ttcaaaaagg aaagaatnnt 240
 ttnttangnn tgtaagacgg aagagncgga ccgtgccctg gcagggcggc ctgggactgg 300
 cttctacttc agagccacca gcacatngtg cctaagcatt tttcgttttt tttaaaggag 360
 aataanggaa cattagnntt cagaaaaaga aaaa 394

<210> 173
 <211> 134
 <212> DNA
 <213> Mus musculus

<400> 173
 aactgaggac tgggtggaacg aggtggtgtc atgattgagc cgctcccca a ggaagtgaag 60
 gtttatctcc tgactacatc cagtgcctccg tactgtgtgc accacagcct tgtggagttt 120
 tatttgaagg agaa 134

<210> 174
 <211> 480
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(480)
 <223> n = A,T,C or G

<400> 174
 gctgcgtccg gctgaggtct ggacatccag gcangetctg ccggacttgt nccagaaaat 60
 gctagtact ganctggaat acgctttaga caagaaagta gancaggatc tctggaatca 120
 tgcctttang aatcagatca caacactgca aggccaaagg aagaatctga gcaaaccan 180
 atcagaattn nagtccaggc aaacctttct ctgttcttag aggcagntag cggcttctat 240

actcagnnac atcctggtgn gatctacaaa ttgaatcccg ngntcatgga actttttant	300
agcmtgatat cttgggnacaa attggctatt tcaggcttgg agagaanggc ttaacnttnn	360
agagcactan aactctatat agcaactctc aaagggccta tanntccccc ttcccagaga	420
atntgatgcn ctngttactg actaacannng gggcttgnca caccacttgg gagttggtgt	480

<210> 175
 <211> 433
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 175	
aactgagatt tgagaaaaat gggtagtgat gttggaaaac agagatcaga tccagaagaa	60
accctcgccc tggagattag acatngactt cgcagcagca gaacaaggaa ccgggacaca	120
gagctgggtc ccaggttcat cgggtcccctg acccggaaca gcagcgggtt tctgactac	180
gctggcagcc cactgcttag caacagcggc cactgggggc cttgaggaaa cnccttcgca	240
aagggtttctg tttggagaca ggcccttttg gtgggtgcat gaatctgggt actccacca	300
nactccaatc cagattcacc anttcccttc ttcttgagag actggtccag gcagcccctc	360
cggccactgc atgatcacag gcgcagctct ttggcctgna atgacngcca tttcttctca	420
ggtggcttct cgg	433

<210> 176
 <211> 412
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(412)
 <223> n = A,T,C or G

<400> 176	
gaactgagcg tggacaacaa tagagaacta caactcccaa aaaagactgc gctcgccact	60
ggctcagaaa ccaatggccg nctggcacgn gatcggttgg tctaatacagc gactgggttg	120
gtaggctttg tctaagacct ggggcgccc cctatctccc gccccggcc gcgcgaacgc	180
gagccccgcc ctgcgcgct tccctcctgc gctcgccggc ctctcctgcc tcttagaacc	240
ttcctgcggt cgtgcttgca tctcgctgct gcagcctccc gggctccggt ccatectttc	300
agtctgagac cggcccagaa gaaaaaaacc ccaaaaacct taattttntt tnttggtcgg	360
tacctacatt ggaaccatca aaaacaatta tttcagtaaa ccgtagccat ga	412

<210> 177
 <211> 335
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 177	
agacagacgg ttggaaaaaa actgaagatc acacaaaaag agagcaggaa atccaaatct	60

cccccccttc ccactgtgat tgnecatgttg acaagggttg tcccaagtca atagaaagg	120
aaaggggtgg gactagggga ggattagggg agcctaccaa ggactcanag tagaagggtca	180
gacagtgccca cttggccact tggggtaaag ccagtgccag caataacagn ttatcatgct	240
cattaatttg ggatttcaaa ccacaaatga gaacttcccc acccacccca agtgcacatgc	300
gccatcactt aaaagttcca ttgaaaataa aaaaa	335

<210> 178
 <211> 178
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 178	
gactgagatg gactgctgaa ttatgaagta tticagaccc agtcttagat catcactccg	60
ccactctctc ctttattgcc tactagatat ttaaantgga cttttaatat cctaccagct	120
gctnttnnga cacnaanggc gcattgntgc canaccangg caataagcgt ttttgaga	178

<210> 179
 <211> 384
 <212> DNA
 <213> Mus musculus

<400> 179	
gactgaggta aaaggatgcc cgaaggaagt aaaaaaatta aagaggcctc tgaaagccag	60
aacttggaga agaaggatct ggaaacaagc agttgtgtca gtataaagaa gaagcgtaga	120
cttgaggact tactcatagt gatatccgat agcgatggag aggaaacaaa agaggagaat	180
ggattgcaga aaacgaagac aaaacagtcg aacagatcaa agtgtttggc taaaagaaaa	240
gttgcacaca tgtcagaaga agaacaattt gctttggctc tcaagatgag tgagcaggaa	300
gctagggagg tgaataacca ggaggagaaa gaagaggagc tcttgcggaag agccattgct	360
gaaagcctga atgtaaatat gctg	384

<210> 180
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 180	
ggaagacatc atgctgtggn cattgacctg nccactgcc cggactgngc agctctacac	60
ggatcttntc taatgaanaa gagganganc tggcacaggc atgactacac acnaagtga	120
tgatggctcc aaacctgac aagctggaac tagggccttt aaaaaa	166

<210> 181
 <211> 244
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(244)

<223> n = A,T,C or G

<400> 181

ttgacaagaa	cgtggacaga	ncaganaaat	actccaatgg	cagacatttc	acaaggcaat	60
ttgctcgaca	gcaggctgat	aaaaaagaag	agtgcaaaga	agacaaagtt	attccagtta	120
ttcgctcatt	gaggaataga	aacattgctc	caactgcaga	acatttgac	gaacaaagtg	180
gagatgttga	agttccgaag	aagttgcagg	attagaagtc	gntacagnac	catgaaccag	240
tttg						244

<210> 182

<211> 496

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(496)

<223> n = A,T,C or G

<400> 182

ttttctgaga	cctggcanga	gcttttcttg	tagangccgg	nntnaanctc	ngcacctgta	60
ctccacggcc	tnctnnnnng	gnccnnttgt	nncanatatg	gataccgatg	ccccagaaga	120
ggaggaggac	gaagctgaca	tggaagttgc	caaatgcag	acccgaaggc	tgttggtaca	180
gtgggctgga	gcagacccca	gcattccagt	ttggggacct	tgagagctnn	ttnactgggt	240
ccatgatcaa	tggtctgggc	tcagcctcgg	aagaggacaa	catttccagt	ggcgctcca	300
gtgtcagttc	atccgatggc	tcctttttca	ctgacgctga	ttttgccag	gcagtgtctg	360
cagctgcgga	gtatgcgggc	ctgaaagtgg	ctcgccgcca	aatgcaagat	gctgctggcc	420
gccgccactt	ccatgcctct	cagtgcctca	ggccccagag	tcctgtgtcc	acagacagca	480
acattgagtg	ctgttg					496

<210> 183

<211> 330

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(330)

<223> n = A,T,C or G

<400> 183

gccaatcaac	tgaaacatga	cacacctgca	cagttggaaa	atggaggatg	aagaaccgat	60
tnngngtgtn	ccaccancat	gactggaggt	gtctactana	nagggagcct	gctacattta	120
ctccnagaaa	tttggtatan	accaagaata	caattctcaa	ttaagaaagc	caccaatttg	180
ggtcccncca	catcctgact	acctacagta	taggnnttct	ctcttctttc	atttccctg	240
tccccatttt	ntttattgna	cataaagtan	ctgggtgtaa	tgngcncact	tnntagngct	300
ctcntctttc	ttttcctttt	ttaaactaaa				330

<210> 184

<211> 489

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(489)

<223> n = A,T,C or G

<400> 184
tctccaggac atgctacncc atntggctca gggcgnggta gagaaaaaag aatgncnaat 60
gagttggaaa gntatnttaa gccttnantg ctngnagacc cttgggctgg cctagaacca 120
gngtctgtag tggatataat gccaacagtn cagcaatacc gctaccattc acaggcaaca 180
aaaggaagat acttttctta atatttctga aattcaccng gaagcttcat gtgtcaggaa 240
catcctggac agaactttta cttgnntaaa aaanntgnac ccaaggatga tgactttgaa 300
taatgantag canaccttng gtatatctcc anctttatca agtgtggata acagnggaaa 360
tgataggacn atttacagta tttagctatc tgggagttgt gtatcataga ancncagntg 420
ncatantnga catttccant ataacagaca ttntcttttt tcaatgcttt aaaataaaga 480
cgttttttg 489

<210> 185

<211> 477

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(477)

<223> n = A,T,C or G

<400> 185
tctgcacatt gccaggagc atgcaggagn gctttctcct tctatgatgg ggtactccac 60
catgagtant ggccgccctc ctcatacact nacgaagcta tentacttgc tcntatncna 120
tataacgtac acagnattan ncnactgtc gncgnncagc ccttttcccc aaatcaaaga 180
tataatnaggc attttacctc gagaggtctt ctctccctgg caacagcagg ataactgagg 240
gcttttcttta aaagnggatc caggaggatg gattatttgc ggaacaaaag agattgcaat 300
ccaatgcaca gaagcttctt nagtgcgctg agccctcctg cccaggactg gagctcccca 360
aaactggtct caggcaaact tcctgagctg gaccgggttc tccagcattt tgccatcgga 420
agcattgntc aggagcctgt gatgcgagcc catcttgggg gctgctgcc caagcca 477

<210> 186

<211> 355

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(355)

<223> n = A,T,C or G

<400> 186
cagcctgcag tcggtgggtc ggggtgcaga ggaagtcaag caaaagtttc aaagattatn 60
ttntttatat cngaangctg gaatcctgcc taatccacaa ttcancctca aggcattttt 120
ctgcgggcatc ttttcangaa atgtgattca tangnncacc acagcgggag gaattttgac 180
ccagaatgac tcggtcactg ccgacgggtt gcaggaggtg ttngaaacca atctctttgg 240
ccactttatt ctgattcggg aactggaacc acttctctgc catgtggata acccctctca 300
gctcatctgg acttctctct gcaatgcaaa gaaggctaac ttcagcctgg gggtc 355

<210> 187

<211> 470

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(470)

<223> n = A,T,C or G

<400> 187

gactgagatc	ctggcctgag	gttggtatgcc	tcatcttgct	aaaaagacac	tggacctaaa	60
tggcgagca	tgactttgtt	cctgcttgcc	taaatttctc	aacgccacag	tcatctaagt	120
catctacagc	cacctttgac	aaacacggag	agcacctatc	ccgtggagaa	ggtagatttg	180
gaataagccg	tcgtcgacat	aattcctctg	atggcttttt	taacaatgga	cctctacgga	240
ctacgggaga	ttcttggcac	caaccctncc	tattccgcca	tgattctgnt	gactctggtg	300
nctctaaggg	agcatatgct	ggaaccacag	gttggcatgg	ctcttcccga	ggcatgatg	360
gtatgagcca	acgtagtggg	ggnagttagta	caggaaacca	ccgacactgg	aatggcagct	420
tccattcccg	gaaaggctgn	gcctttcaag	aaaaaacacc	aactgagatt		470

<210> 188

<211> 315

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(315)

<223> n = A,T,C or G

<400> 188

tgaccggtat	ctggcaccac	tcagggtctc	ctatgatgcc	gcgtcctgca	gatacctctg	60
gaacactggc	tacttcttcc	agtggtgagtt	tgacgattcc	tgtgaggatt	caggactcac	120
tgaaccaaac	tgggagtcac	tatgagactc	aaaactcaaa	atgtcctntg	cctcagnctc	180
ctgagacctg	ggatggcagg	tgtgtgccac	caggcctggc	tnttgatgca	cgatttttct	240
gaagacgtgt	ntgccaatgn	ccttacagaa	aggtcctgcc	ctggggagaag	cagtgnctgt	300
ttcaggtgct	gtgtc					315

<210> 189

<211> 301

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 189

gggcggacag	gaaaacccgg	acgccgagga	caagangnct	ccgcctcccc	cacgggacgg	60
acggacggac	ggactccaca	agcgtccacc	ggtcactgcc	gccgcccaca	gagacgtcgc	120
ccacgagagc	acacacgtag	acgcggacgc	cgtgnttttn	nagnctnngc	catccccacg	180
ggacggangg	acggacggan	tnnacaaggn	gcgcgtgtca	ccgaggccgc	cagganggag	240
ccactctcac	gattctcaac	agggccongac	cgngnacaga	aatgtccccc	tcaataaaac	300
c						301

<210> 190

<211> 302

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(302)

<223> n = A,T,C or G

<400> 190
taaggagcta catggatgga cgggtggaca gaggacagat gtgcgagcca atggtttggt 60
ggagtctcga gcagacacag gaactgggtg ccaacgggga agcgctgttc ctgggccacc 120
tccctcactg agattcttct ctaagtggaa aaagataaga ttctcatctt ttacacagaa 180
gagccacaga gaacaaagca agaaaccagt gtctggagcc gagcaggaac aggccaaggg 240
catggnctct ctcaaacaca cacatttaaa tacattcaat ctgatgggga tgaaaaaaaa 300
aa 302

<210> 191

<211> 179

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(179)

<223> n = A,T,C or G

<400> 191
cttgccatga ggtgttgaag ccttgtttca ctgagttgga gagactggac ctaaatggnn 60
nnnnatgact ttgctccagc ctggcttaat tttcctactc ctccatcatc aacaaagtca 120
tcattgaatt ttgagaanca ctctgaaaat ttttcatgga cagaaaatcg ttgtgaagg 179

<210> 192

<211> 528

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(528)

<223> n = A,T,C or G

<400> 192
actgaggctc tgtggctacc caccctttta tgatgaaaat gatgccaaac agctttgaac 60
agattttgaa ggcagagtat gagtttgact ctctttattg ggacgacatc tctgactctg 120
ccaaagattt nnannnnnnn antgnagnnn nnagaccggg agaagagggt tacctgtgag 180
caggccttgc agcaccatg gattgcagga gatacagctc tggataagaa tatccaccag 240
tcagtgcgcg agcagatcaa gaagaacttt gccaaagagca agtgggaagca agctttcaat 300
gccactgctg tggttcggca catgaggaag cttgcagctg ggaaccagtc aggaggggca 360
ggggcagact ggcagccacg gggagctgct gacaccaaca gctgggtggc cagcagctgg 420
ctgctgctgc cgagaactgc tgnngngaac caggctcnga ctgnccctg caccaccccc 480
aagcctctag ggcccatagg aatttgaaca tcaaaggaag gtccaggt 528

<210> 193

<211> 331

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 193

actgagaagc	gggccctgga	tgcagccatc	atccttgggg	gtggaggact	tctcttcacc	60
tcttacctga	cagccacggg	ggacgaccat	ttctacgccg	agnacctgat	gccgnntctg	120
nagagactgn	ttgatccnga	gtcggcgcac	cggntagctg	ttcgagncat	ttncctgggg	180
ctccttcctc	aagctacgtt	acaggactcc	aacatgctgg	aagtganaga	tcnggcncgn	240
agntncagnn	gtccanacag	ggantgctgn	acganaannc	aaggancgan	caagctganc	300
aacaggtctc	tgtaggggag	ggctctgcgc	t			331

<210> 194

<211> 499

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(499)

<223> n = A,T,C or G

<400> 194

tccagcgttc	ctgttgnagt	atcttgttct	tcagccatcg	acaggacagt	aacatcttta	60
ggtccactgt	ggggaatgca	atcatcttgg	tcaattagtt	catctaagtn	aagccatcct	120
ctggaagttc	agatacaaga	agaattgagt	tggaactcaa	agactgatcc	ttctgtggct	180
tgattttgga	atgaaagaaa	attaaaaaga	aagaacataa	gccataagct	gaccgatagg	240
acttcggact	tcttctaagg	agattccgac	tacnatatgg	agaacgggac	ctggatctgg	300
acctggatct	ggatctatat	ttagaaatga	aacggtggca	aattcttgga	cttcgactcc	360
ttggtctata	gatataacgg	actggacttc	gagagcgacg	gattctgtga	cctgagcttg	420
atctcctaga	atgtctgggg	ctgggggaat	gagaacgtct	tcttgagatt	tcattttctt	480
tcctattgct	ctcatttcg					499

<210> 195

<211> 469

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 195

tgagggtccc	gatgccaggc	cctgcgggta	gaggggggtcc	accatccctg	acggtgaact	60
tgggcgagga	ggcccgcctc	acctgtgaaa	acaatggcag	gaacccta	atcacatggt	120
ggttcagcct	tcagtctaac	atcacatggc	ccccagtgcc	actgggtcct	ggccagggta	180
ccacaggcca	gctgttcttc	cccgaagtaa	acaagaacca	caggggcttg	tactggtgcc	240
aagtgataga	aaacaacata	ttaaaacgct	cctgtggtac	ttacctccgc	gtgcgcaatc	300
cagtccttag	gcccttcctg	gacatgnngg	aaggtaccaa	ganccgcac	atcacangag	360
aagggatcat	tttgcttggt	nttgtgcaat	tggtgccagg	gacgctgctg	ctattnagga	420
aacgngnca	aaatgagaag	tttggggtgn	acatgccaaa	tgactatga		469

<210> 196

<211> 524

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 196
gactgagaca tctggtgaca aaggaatctc cgccttcctt gagtcagaca acctgttcaa 60
gtgggtgggg accatccacg gaggagccgg caccgtatat gaagacctga ggtacaaact 120
ctccctagag ttccccagcg gctaccctta caacgcaccc acagtgaagt tcctcacacc 180
ctgctaccac cccaacgtgg acaccaggg caacatctgc ctggacatcc tcaaggataa 240
gtggtctgca ctatatgatg tcaggactat cttgctctct atccagagcc tgctaggaga 300
acccaacatc gatagccctt tgaacacaca cgctgcggaa ctctggaaaa accccacagc 360
atttaagaaa tacctgcaag aaacctattc aaagcaggtc tccagccaag atccctgatg 420
caagctggcc gccctgcccc tcttttgtgt tgnctttttt cttagactat ctgtcctttc 480
tccttgattt ctaaactatg ttattttttg gtttggttcg gttt 524

<210> 197

<211> 218

<212> DNA

<213> Mus musculus

<400> 197
gactgagggtg agaagtctgg gaaggagcta gaggaggtga agctgcagaa caccagcaag 60
cagattgtcc agaattgccat cctgcaagcc atgcggcaag tctcccagga gagcctgcgg 120
aggggaaggca gaccgggtga caggagggcc tggggccagc tgggagggcg cgagctgacc 180
aagaaacatg aaaaagaagta accgggtaaa aaaaaaaaa 218

<210> 198

<211> 381

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 198
tgagctttct acactgccaa gtatggttac aagttgtgcc tgcgcttgta cctgaacggg 60
gatggctcag gcaagaagac ccacctgtcc ctcttcatcg tgatcatgag aggagaatac 120
gatgctctcc tgccctggcc ttccaggaac aaggtcacct ttatgctact tgaccagaac 180
aaccgagagc atgctattga tgccttcccg cctgacctga gctcagcctc cttccagcgg 240
ccacagagtg agaccaacgt ggccagcggc tgcccgctct tcttccccct cagcaagctg 300
cagtcacca agcacgccta cgtcaaagat gacacaatgt tcctcaaag cantgtggac 360
actagtgcta gggatggggg a 381

<210> 199

<211> 451

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(451)
 <223> n = A,T,C or G

<400> 199
 tgtggagaag gactgctcca tnaccaagnt cntgaaccgn atccttggn c tggnggtgca 60
 cangcagaac gccctgttcc aatacttctc cgacaccttc gaccacctca tcgagatccg 120
 acaagaagga ggnengatnc gacatggcca tcctagacct ggcccctggc ntcaacatan 180
 atacatgacn aaagccagna ggggtnnncg gcacctggnc acccacagga tgggcaagtg 240
 gtcttctaca agattagcgt ggaccgcggt atgaagtggg aagaggcatt aactaggtcg 300
 ctggagctca aagggtcccta tgatggcttc tacctctcct acaaggtagc aggcagcaaa 360
 atgagctgcc tcctggcaga acagaatcgc ggcgagtatt tcaccgtgta caagccaaac 420
 atcggcagac agagccagct tggagaccct g 451

<210> 200
 <211> 470
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(470)
 <223> n = A,T,C or G

<400> 200
 gaggtgtgag caggcattac tgagctggct gatccatcat ggcggagaaa gtgaacaact 60
 tcccaccata tgcccaaata catcccactg atagccatgt ttctaccaag acttcgaggc 120
 agacatccct cctcagcatc tcagcttgac caagcngcct ctactacctc tggatgtgac 180
 aganagttcc ttnagcttca tggcattctt ctacaccttc atggctnagc tggatcatcag 240
 catcatccag gctgtggaaa ttccaggctg gggagtctgn ggctggattg ccaccatttc 300
 ctntttcagg acaaacatcg gctcagcagt ggagatgctc attcccacgg tcatgtacac 360
 agttgnggcc gtcttttctc tcaatgctct aagcatgggt tcataagatt ctaccggagt 420
 agccggaggc agtttaacaa ggnntcagga ggaatgagac cactggagca 470

<210> 201
 <211> 477
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(477)
 <223> n = A,T,C or G

<400> 201
 tctgaggctg accctgcacc tggctcctac cccacacaga gttgccaccc tcattctgact 60
 ccaagttatc ctgtcaccga gatgcagcat gccagtggcc agaaactggc ctcttgacct 120
 cctggccaca tgcccagcct acctccatac cagcctgcgt ncggcctgtg ctatgtgcan 180
 aaccactttg gtcctaacct caangcctcc agtgtgtacc nagnttntgn agggacctcc 240
 nagggggtac agactccctc ccctatcaan ngtnctgnca ctggagtatt cagggggcct 300
 ggaaccccaa gggctacagg ntccaaggag tcttccaagg tagccatgcc ctaaccagnc 360
 tgcaaaggcg gnttccacct tggtggacag aggaagggtc tgagaatgta ngaattattt 420
 attgaagcca aggcattgcc gctgncatt ccagctgctt ggggggtaag gccaaaa 477

<210> 202
 <211> 138
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(138)

<223> n = A,T,C or G

<400> 202

atacttgaat	ggacatatta	agcaggtgca	cacttctgag	ctgaccttac	aagtgtcagg	60
cgtggtcttg	ggagcagnag	cgggctgnen	cccgtggaac	ctcttcctag	cgacctgcca	120
tcatgggatt	ttgccag					138

<210> 203

<211> 469

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 203

tctgaggcag	aagacttta	ccaagggcgg	tgagcagatg	tgtgagatct	tctattctag	60
aagtggacgt	atatcccagt	tctcagagcc	ccgtattcga	gccccgtggg	atccggaggc	120
tgccaaccag	ctccagcatg	cagaacagtc	acagcggagt	gaatcagctt	gggtgtgtct	180
ttgtcaacgg	gcggccactg	ccggactcca	cccggcagaa	gatcgtnag	ctagctcaca	240
gcgggggccg	gccgtgcgac	atttcccga	ttctgcaggt	gnnctnanta	tgcatagntt	300
nttgngtgct	ggctagcgan	aagcaacaga	tgggctcaga	ctgcntgtat	gatanantaa	360
ggatgttgat	cgngcatacc	ggaagctggn	tgcacacgcc	ctggttgana	tcccnggact	420
tcngnatcag	ggcaacnnac	gnnaggttaa	agtttatgca	gcccacctt		469

<210> 204

<211> 538

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(538)

<223> n = A,T,C or G

<400> 204

ctcagtagta	tctcatgaca	gtaagctgtg	accttcttgn	ctaaccatga	tgacagccgg	60
ncgctctatg	ctatcccagg	gttggactat	gtcagncatg	aagaentcct	cccctacacc	120
tccacggatc	aggttcccat	tcaacacgag	ctctttgaaa	gatttcttct	gtatgaccag	180
acaaaagcac	ctccttttgt	ggctcgagaa	acgctgcggg	cctggcaaga	gaagaatcac	240
ccgtggctag	agctctctga	cgtgcacagg	gagaccaccg	agaacatccg	cgtcacagtc	300
atccctttct	acatgggcat	gaggggaagg	cagaattccc	acgtctactg	gtggcgctat	360
tgtatacgct	tggaaaactt	ggacagtgat	gtggtacagc	tccgggagcg	gcactggcgg	420
atattcagtc	tctcagggac	cctggaaaca	gttcgaggac	naggggtggg	gggcagggaa	480
ccagtgnat	ccaaggagca	gcctgcattc	cagnatagca	gccatgtctc	tctgaaat	538

<210> 205

<211> 384

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(384)

<223> n = A,T,C or G

<400> 205

cccgggaggc	cgccttgntt	ttatacactg	ntntcaccan	acnnncnnaaa	cnggctggng	60
tnactgnnct	cantagctgg	cttacantna	anggcttnag	ttttcacagg	ggccgatcaa	120
nagtgtctant	cgagatattt	ccggtctcca	aatgccatgg	agattgngac	cctttagttc	180
cccnanngtt	tnggnnctct	tactgttgaa	agactaanag	cnttgataaa	tccanccaat	240
gtaaccttcn	aaatctatga	aggcatgagg	cacagctcat	gtcagcagga	aatgatggnt	300
gtcaagcact	naattgataa	gctcntacct	ccaattgatt	gacatcacta	agaggccttg	360
agtngaagtt	caccagcatc	acag				384

<210> 206

<211> 140

<212> DNA

<213> Mus musculus

<400> 206

tgagccaaac	acgtttat	actaaccaaa	gggatgatcc	tgggtaaacc	aagtttgaca	60
tgaagttcca	tgtaaagtgt	ttgtgataaa	gagaactcaa	cagtcatgaa	aaataaaaacc	120
aaagaagtga	aaaaaaaaaa					140

<210> 207

<211> 537

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(537)

<223> n = A,T,C or G

<400> 207

tgagaacatt	tgcaccaatg	tgggatgtat	tcaaaacatc	tacagagaaa	ttagcaaatt	60
gtcatttgga	tcttgttaga	aaattacagg	aattaataaa	ggaagttcag	aagtatggag	120
aggagcaagt	caagtctcat	aagaagacta	aagaagaagt	cgcagggact	ctggaagcag	180
tccaagccat	tcagaatata	actcaggcac	tccagaagtc	gaaggaaaat	tacactgcca	240
aatgtgtaga	acaggaacgt	ctgaaaaagg	aaggagctac	acaaagagaa	atagaaaagg	300
cagcttggtta	agtctaagaa	agctacagat	acttataaac	tttatgtgga	aaagtatgca	360
ttaacaaaag	cagattttga	gcagaagatg	acagaaaacag	cccagaaaatt	tcaagatatt	420
gaagaaactc	acctcattca	cataaaggaa	attatcggat	ccttgtcaat	gctggcaagg	480
agatccactt	acagatcngg	ccaggttcat	gaagagttat	aattaccatg	gctaata	537

<210> 208

<211> 160

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(160)

<223> n = A,T,C or G

<400> 208
 agttctgtgc tcaatcgac agccggcaat ttggaaagaa acatcttttt gaccaggatg 60
 aagagacgtg ctggaactct gaccagggtg ggtgcttcta tacccttina ttecaagngt 120
 aggggtgtan aanatgcaag gttacagggt gccttgagat 160

<210> 209
 <211> 540
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(540)
 <223> n = A,T,C or G

<400> 209
 gaactgaggt attttcaagg agaaataatt ccagnttgat ggatgaaatt ttaaaacagc 60
 aacaggaact ttggggccaa gattgttcca aatactcagc agagtttgca aatagtaatg 120
 acaaagacga tcaagattta aattgccctt cggcagtgaa ggtgctgtcc ccagaagatg 180
 gaaaagcgga tattgtgaga gctgcccagg atttttgccg gttagtagcc cagcagcaga 240
 ggaagccac agatctggat gtagatctgc taggcagctt acttagttca catgggttcc 300
 ctgatcctga cttagtgttg aagtttggtc ctgtggacag cacattaggc tttcttcct 360
 ggcaaatcag attgactgag atcgtctctc tgccttctca cctaaacatc agctatgagg 420
 acttcttctc cgcccttcgg cagtatgcag cttgcgaaca gcgactggga aagtaatggt 480
 ccctacttgc ataatttgac ttcaggcttt tggagaaaaa ggaccaagat gacactgaaa 540

<210> 210
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 210
 tatagccaga cagaatggac tgggctctca cctcagtgcc agtggcactg agtggtacat 60
 cacgtcagat atgntctatg tggaagtga gttagatcct gcaggacagc tttgtgatgt 120
 caaagtggct caccatgggg agaatccngn gagctgccag agcttg 166

<210> 211
 <211> 123
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 211
 ttacaccag tgcatttggc tttcctntgc ggntccatca nngggacctg ttccacgctc 60
 ctcttccagc ctttgatct cctcaaaacc cgtctgcagg ccctgcagcc ctccagacct 120
 ggg 123

<210> 212

<211> 232

<212> DNA

<213> Mus musculus

<400> 212

aaagatcgag	aacaccggca	taaggagcac	aagaaggata	aggataagga	ccgggaaaag	60
tctaagcata	gcaacagtga	acataaagat	tctgaaaaga	aacacaaaaga	gaaagagaaa	120
accaaacaca	aagatggcag	ctcagaaaaa	cataaagaca	aacataaaga	cagagacaag	180
gaaagacgaa	aggaggaaaa	gattagagct	gctggggatg	caaaaaaaaa	aa	232

<210> 213

<211> 368

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(368)

<223> n = A,T,C or G

<400> 213

ttccaggaac	cagcgcgga	cattggcttc	aacgtggcgg	tactgcttac	caacctgtca	60
gagcatgtgc	cccacgaccc	gcgcctgcgc	aacttctctg	agctggctga	gagcatcctg	120
gagtacttcc	ggccttacct	gggcccgcac	gaaatcatgg	gcgcacgcgc	tcgcatagaa	180
cggatctatt	ttgagatctc	agagaccaac	cgtgcccagt	gggagatgcc	ccaggtcagt	240
aggccttgcg	tgtttatgaa	gccttggtac	ccttgaaaat	cctntatggg	ggctgtatac	300
nccttcagtg	tntgcaccta	accctactng	gnctctgaca	aagcccaggc	ccctcccca	360
atgtattg						368

<210> 214

<211> 423

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(423)

<223> n = A,T,C or G

<400> 214

tcattctaag	atccctgctc	ccaaagacat	nectgcacat	caggtcoccta	atgccaaagaa	60
gctcaggctg	aaaggaggag	ttatgggaga	aactggcaaa	gcagggcgaa	ctgcccaggg	120
atgtgcgcaa	ggcacaggcn	cnactcctta	gccctcccac	accaaaggcc	aaacctgggc	180
cccaggacat	cattgagcna	cccttctatg	acctctgaaa	cccanacaac	cctctggaca	240
cgccttttga	ttggtcagga	tgcatttttt	ttggaacaga	ncaagaagaa	aggcgtgang	300
cggccacaac	gcctccacat	naagccttcc	caggagcctg	nagtggaggt	atntcctgca	360
ggagcctcct	acaaccaaac	ctttggagat	naccaggccn	tgctttnaga	ggcccatg	420
aag						423

<210> 215

<211> 452

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(452)
 <223> n = A,T,C or G

<400> 215
 gactgaggta tgtgagaaga ctgctgagct agatgcnngt gcctggtncc tgggnatnng 60
 acgcgccctg ctttgccatt ncgcacccac atgtgtgggc tntagtgtn caccgganaca 120
 ccagttnnngc tgttgctcagt tttttttctc tgagntggac tataagccac atttcctntt 180
 nctctangaa gtaggttagg accgtgggct ttggnaanga gaccnnngtg gccgtgacca 240
 taaaganact tangnaaaaa agctcaggca ccctggacat gtccgtgtct tacaaggagg 300
 nggatcgcta cgacgctcca gggattgcct tttaccctgg tcaggctcag cttgctcanc 360
 tgtaagcacc actatgaggt tattccacct ctttgnccag cctggncanc cggganacag 420
 gaactgcacc actcaaagga tcaattacac cc 452

<210> 216
 <211> 428
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(428)
 <223> n = A,T,C or G

<400> 216
 gactgaggac agaaaatant atccaangna atttttgcac tagcagtatc aatctgtagc 60
 aagaaagtgt accagtctgt tccagccaat gaaatttccc agaaggcagc agagagccaa 120
 ggcaggggaa aggagacttt gaaaaaagac ctgctggaca ttattaagga catgaaagt 180
 gacctgagca cagcaaagtgt gaaaacacca aagccacgtg gcagaaaacc ttctgccagt 240
 ctggaggcta ccgttgacag gcttcagaaa gctccggaag accctccaaa gaagaggaat 300
 gagttcctga gtcctgaggt ggtggctgca gcgtcggtg ttgcagattc cctacctttt 360
 gacaagcaga caaccaagtc agagctgctc aggcagctgc agcaacacga ggaggagttg 420
 agggctca 428

<210> 217
 <211> 421
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 217
 gactgaggct gtggagctgc ggacctatgg caggagaaag cttgtgtggt ggccggtctg 60
 cgacgcttcg gctgcatggt gtgccgctgg atcgcccagg acctcagcaa cctccggagc 120
 atcctggacc aacacgatgt gcgcctgggt ggagtgagg cctgaggccc tgggcctgca 180
 ggagtttctg gatggtggtt acttctcagg agaactctac cttgatgaga gcaagcaaat 240
 ctataaggag ctgggcttca agcgggtacaa cagcttaagc atcctaccag ctgccctggg 300
 aaaacctgtt cgtgatgtag cctccaaggc taaagctgtt ggtatccagg ggaacctgtc 360
 tgggtgacctg ctgcaaagtg gagggctgct ggtggtcanc aagggtggcg acaaggtact 420
 g 421

<210> 218
 <211> 159

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 218
gactgagctt gctgaantaa agcaagaang tcttgctcgt ggttnagaga ccaagggaat 60
aaaacaagat cttataaata ggctgcaggc ctatcttgaa gaccatgcag aagaagaagc 120
agatgaagaa gatgtactgg gagatgaaac tgaggaaga 159

<210> 219
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 219
atctctgtga gggatcaagg gacngetgan cagacttcct gctgctggtg ttngggacan 60
ggtgatggcc acagctctaa gaanggcaca ccaccaacta aggaaagaag gtacatccag 120
cagnggtaat tccgacaacg tatagtcata tcnaagagaa gatgggggtg nttntttact 180
ntgnagataa cgcaggggtc atagtnttca ntatangann agatgaaggc ttctgctatc 240
acanntcnag tgacaaagtg agtgtgcaga ctt 273

<210> 220
<211> 153
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 220
gacccctcct tactcactgg cncntcagct ttgattttta acttccttc cncaccttc 60
ccgaacacac acattcccat ttcaaaattg attttataaa gacattttta atatactgat 120
gcaacttggt gtgcactacg gcaaaaaaaaa aaa 153

<210> 221
<211> 252
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(252)
<223> n = A,T,C or G

<400> 221

caccactaga	ggacatggga	cagcctacag	tggaggagggc	tgagcagcct	ggagccctgg	60
ctcgggagtt	cctggcagcc	acagagcctg	agccagcccc	agccccagcc	ccggaagagt	120
ggctggacat	tctggggaac	ggattgctgc	ggatgaagac	actggtccca	ggcccgaaaa	180
ggctctagcc	gcccactcaa	gggccagggtg	gngaccgttn	acctgcnaat	gnnccctggag	240
aatggcacc	gc					252

<210> 222
 <211> 235
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(235)
 <223> n = A,T,C or G

<400> 222						
gactgagctt	gctgagttgt	gggaggagtg	cttccctgan	nccggcgggtg	ttccagactc	60
ctccgtcatc	ctcctcttcc	cagctaggat	ggcgagctcc	tgtgactggt	ccgtcactct	120
ccccccagcc	gtcttgcata	gatttggaat	ctttaaggaa	agagtgaatc	gattctttgc	180
agtaaataca	tgtaacaaac	agagagattt	cttgcaaattg	cagcatttga	atatc	235

<210> 223
 <211> 310
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(310)
 <223> n = A,T,C or G

<400> 223						
ttgatcactt	cttccttctg	aagtcccgcc	ctttcggcta	cccccaatgg	agactaagct	60
gttactgaaa	agganccgac	aaaagcgtca	acngnggagt	cgagaggagc	tggaagnagt	120
cagattncgc	taagggccgt	aaagcggana	gtgatttcgc	cttcgggatt	aacgacagca	180
actcogactt	gtcagagcag	gccatnctcg	tgctggacnc	ttcctaattc	aatttccttc	240
ccattccggn	cccttccta	tcgtcgcccc	tttcaccttg	gatcatgntc	gaaaaaattt	300
gatgaaaaag						310

<210> 224
 <211> 294
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 224						
ctgagatcca	ggatgagaag	gatgttacaa	gcagcancta	gctgaacagc	tataaantgc	60
ccaantctgg	gttcacaaaa	ccagntnana	gngaaaattc	tgacagtgc	agcagtatgg	120
naggagaggg	catatggaag	anagagtaac	anacaagatt	gnatcttaca	gcaaaacttc	180
aaaaattgac	cgagggtgata	tgggcaagga	aatgagagag	aaaccatcca	tgaaacgaaa	240
gctgcctttt	acagtcagcc	catcgagaaa	tgaggagcgc	gactcagaca	caga	294

<210> 225

<211> 529

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(529)

<223> n = A,T,C or G

<400> 225

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actgagggat tttttatgga gtattgtgag gagcgggtgtg gnagcagtcc caagatggca      60
accgggactg cagctaagtc ttatgacttg cacctgactt cttcatacac ctgaaaataa      120
gccatgaccg tcatgagagc tgcgcaggtg caccatgatg ctggtggtgt aaacaagtcc      180
atatttggtg gagatgtgcc cctgccgccc tgattggcta aagctgtgtg cctggtgaga      240
tggcagtggc ctgccgtgag tgcattggga ttgagagtat ataagagtga gaagcccag      300
tggtttncgg tgtgcccttg tcatanacaa cgtcagtgcg ggcttaagcc tgagtctggn      360
gccaaccctt cccagtgagg tgcattgaaa ttaggtgctg gcagactgac caatctcagg      420
aggacacaaa gcctttccct gtgctcaggt gcatataagc agacctccct ggggtgcccg      480
agtcccagta gcagcatcaa ggcattnctg caataaaggc tgttaaagt      529
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<210> 226

<211> 494

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(494)

<223> n = A,T,C or G

<400> 226

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tgaggtccga tctagatccc ttcccgatcc aggggaaggc gatactctcg ctcccgcagc      60
aggagccgag gacggaggtc aagatcagca tctcctcgcc gatcaaggtc tgtgtctctt      120
cgtagatcaa gatcagcttc actcagaaga tctaggtctg gttctataat aggatcgaga      180
tcccgtcaa ggtcgagatc aagatccagg tctatttcac gancatgaag cagccgatca      240
aatccagat ctncatctcc taaaagaagt cgttcncgca tcaggaagtc cacacagaag      300
tgcaagtcca gaaaagaatg gactgaagtt tctcaagttc accccttagg ggaaaagtta      360
tttttagttt acattattat aangggattt gttatgncn gaaaggcgta cgcnaggaag      420
ggatcatcaa ccatttaatc aaaatggatc tgggattatt actctgtaaa attcacagca      480
gtaaatattg tttt      494
```

<210> 227

<211> 456

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(456)

<223> n = A,T,C or G

<400> 227

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gactgaggcc ttgaagacga aggtgggaat cctgatgaaa ttgaagtcac ctcagaatgc      60
aacaagaaga tgcctaagag gccagcaaaa gggaggaaac cntnngncga ggggtgtggag      120
gacaacgggc tcgaggagaa ttctggggat gggcaggagg atgtggagac cagcctggag      180
```

aacctgcaag	acatggatat	gatggacatc	agtgtgctgg	atgaggntga	cattgacaat	240
ggcagcgtgg	cagactgtgt	ggaggaagag	gaggaggcca	cactccctga	gggcctagca	300
gacagcactg	aactggtaga	aggagatttg	aaagggctcc	cagaacagct	gcaggagcat	360
gctatagatg	acaaggacac	cgtaaacaat	gtagatacgt	catcatctga	cttcaccatg	420
ctgcaggaga	tggaagaggc	atctttggag	cccga			456

<210> 228
 <211> 219
 <212> DNA
 <213> Mus musculus

<400> 228						
gactgagga	ctggggagat	ggctcccgg	taaagggtgt	cgctgctctt	ccagaaggaa	60
caagttcagt	tctcagcacc	caaggaggc	tcacaacccc	ctgtagttcc	agcatcagag	120
ggtctcaaac	cctcttcctg	cctcaccgga	catcctctca	tgtgttgctg	acataacac	180
gaacgttaca	tataaataaa	aagccttaaa	gaaaaaaaa			219

<210> 229
 <211> 220
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(220)
 <223> n = A,T,C or G

<400> 229						
actgaggtat	gtaaaagaag	gagatacgg	gtctcagttt	gacagcacct	gtgaagttca	60
aagtgacaag	gcctctgtca	ccatcaccag	ccgttacgat	ggcgtcatta	agaggctcta	120
ttacaatcta	gatgatatcg	cttatgtggg	gaaaccactg	ancgacattg	agacagaagc	180
tgtaaaggaa	ggaaggaaga	aagaaagaaa	gaaagaaaaa			220

<210> 230
 <211> 326
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

<400> 230						
ttactgagtt	cttgccatga	caggttngca	gccccgtgtt	cgcaatgcag	cacgtggtgg	60
gtgtaccccc	tttactggta	cggagaacct	tccttgggac	ggacgtcacc	atgacaagga	120
ctctgtgcag	tccaggtccc	agagagaagc	gaccggaagc	cgcagcctta	gggctctttc	180
accgcctccc	ggaattggga	agaacacttg	agccacaccg	ttngccatca	agnagcctct	240
actgccaagg	cttggtggga	cagatatgaa	gagttttgtg	gactnaatga	gagttcgggn	300
ggccccaggga	aacgtgacag	aggcgg				326

<210> 231
 <211> 190
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(190)
 <223> n = A,T,C or G

<400> 231
 cattgttttag atctcactnc gnataaaggt gacttacacc ttgacgatgg cagacatagg 60
 catttggttc tacagatggc cttgaaatgt gctgatattt gtaacccatg tcggaactgg 120
 gaattaagca agcagtggag tgaaaaagta acggaggaat tcttccacca aggagatata 180
 gaaaaaaaaa 190

<210> 232
 <211> 523
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = A,T,C or G

<400> 232
 actgaggtcc ctatactccc tgggcaggct tgcctganat tgcagctttt cctgtgcgcc 60
 ctgcctctcc ttgccgcctc cggtccttcc aatactctcc agctggataa gctcatacct 120
 cagactcttc taaactagct gcttggttg ctgaattacc aaggggaaat gtggttccag 180
 agacaaattg ttgggttcgg cccccgncta ctctggggtg gtgcttagcc ggcgccagac 240
 cgacctcgg ctccggagcg gcagtgcgt ccctctcggc gcctcctcgg cttctcggc 300
 ttctcgggt tctcgggga ccgcggaccc tggatatgc ccgactgctg agcccgctaa 360
 agccatgtcg accocggccc ggcgcgcct catgagggac ttcaagaggt tacaggaaga 420
 tcctccggcc ggagtgagcg gggctccgtc ggagaacaac ataatgggtt tggaatgcgg 480
 tcatttttgg gcccgaggg accccgtttg gaggatggaa cat 523

<210> 233
 <211> 538
 <212> DNA
 <213> Mus musculus

<400> 233
 gactgagtat ttctcagaga ttgatggaaa cagaaaccaa aactcttccc ctggagaatg 60
 catccatcct ttcatagggc tctctacaag aaggacaccg attatggatt ggcaacctgg 120
 atcccaaaat cacagaatac cacctcctca agctcctcca gaagtttggc aaggtgaagc 180
 agtttgactt cctcttccat aagtcgggtg ctttgagggg ccagccccga gggactgtt 240
 ttgttaactt tgaaactaag caggaagcag aacaagccat ccagtgtctc aatggcaagc 300
 tggcgctgtc taagaagctg gttgtacgat gggcccacgc tcaagtcaag agatatgatc 360
 ataacaagaa tgataagatc cttcccatca gccttgagcc atcctcaagc actgagcctg 420
 ctcagtctaa cctcagtgtc actgcaaaga taaaagccat tgaagcaaag ctgaaaatga 480
 tggcagaaaa tcctgatgca gagtaccag cagcgctgtt ttattcctac tttaaacc 538

<210> 234
 <211> 358
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(358)

<223> n = A,T,C or G

<400> 234

tggtttccca	agccgctctg	gtttctcctc	gccaccaccc	tgaggtccaa	gctggggaag	60
acgattgtta	tcaccaagac	gacccacag	tctgaaatgg	gaggtacta	ctgcaatgtc	120
tgtgactgtg	tggtgaaaga	ctccattaag	ttcctggacc	acattaatgt	tttagaaaca	180
tcagngaaac	ctgggtatgt	ccatgcgagt	ggaacgctcc	actctggatc	aggtaaagna	240
gcgtttntga	ggtgaacaag	aagaagatgg	aagagaagca	gaaagattat	gattttgagg	300
aaaggatgaa	ggagctcana	gaagaggagg	aaaaggctaa	agcataccaa	aaaaaaaa	358

<210> 235

<211> 348

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(348)

<223> n = A,T,C or G

<400> 235

gactgaggat	ttgcagttcc	tgactaccgc	tcttctcata	ttgaagttag	ccaggcatca	60
cagcttttac	agcagcagca	gcagcagcag	cagcttcgaa	gacgaccttc	cttgctttca	120
gaatttcacc	cgngattctg	acaggccntc	aagagaggag	aactggatta	tngaacagtt	180
tcacttcagg	accctcaccg	anggatcatg	attccttgga	gtccaaacgn	ccacnccagg	240
aaccagttac	tanntgccca	tttncaagcg	ngttaagtna	ctannggatt	tacnntttag	300
ttcantccc	tgccagaagg	ctngagntcg	tntgctgatg	caaagaga		348

<210> 236

<211> 519

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(519)

<223> n = A,T,C or G

<400> 236

tcgagctggg	agatgtgacg	cccacaatat	taaacagttg	aagagactga	accagggtcat	60
ctttccagtc	agctataatg	ataaattcta	caaggatgng	ctagaggtng	gcgagcntan	120
caataccttn	catatttcac	atgatatagc	tgtaggngca	gtgtgcntgc	aagggnngga	180
tncattcaca	gaatgaaaag	agacttttnc	tcatgacact	aggatgcctt	gcaccttacc	240
gaaaactagg	aataggaact	anaatgttan	atcatcgtcc	taaacatctg	tgagaaggat	300
ggcacttttg	acgatatcta	tctgcatgtc	cagatcanca	atgagtcagc	gattgncttt	360
tacccggaag	tttggttttg	agattatcga	gacaaagaag	aactactata	agaggataga	420
gcctgcagac	gcgcatgtgc	ttcanaaaaa	cctcnaaggt	cccatctggt	cagaatgcng	480
agacacagaa	gacagacaac	tgacaaatca	caaatgaac			519

<210> 237

<211> 235

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(235)
<223> n = A,T,C or G

<400> 237
gactgagctt tctcgggctc tacttggttg atcgcgacc cagaagagaa ctagtcaact 60
caagttttaa gccatggccc aaagactgat gacattcaga gacgtggccg tagacttctc 120
tccagaggag tgggagtgtc tgagcctgga ccagaggagt ttatacagag atgtgatgct 180
ggagagctac agccacctcg tctcagtggg actttttgnt tatcggtcac atctg 235

<210> 238
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 238
taaataaaga gtattgagcg aannacctac aacggaccag nggctgcacc actgaggaaa 60
ctgnnnnttc tctanccacc attaaccncc tatagcttct nacgaggaag cangggcttt 120
gtgagtnaac aaccacntna ccaaccagan gntgnaggat ncanaagcga ctcattgatt 180
tacatantcc ttctgagatt gntagcgcca ttnccttccat cagtattgag ccgggagttg 240
aggttgaag 249

<210> 239
<211> 535
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

<400> 239
tctgagaggc tccggttctg tggcgatctg gactgtcccg actgggtcct ggcagagatc 60
agcacactgg ccaaaatttc ctctgtgaag ctgcgactgc tgtgtagcca ggtgctaaag 120
gagcttctgg gtcaggggat tgattatgag aagatcttga agcttactgc tgatgccaag 180
tttgagtctg gagacgtgaa ggccacggtc gcggtgctga gtttcacact gtccagtgc 240
gccaagcata gtgtogacag tgattccttg tccagtgagc tgcagcagct ggggctgccc 300
aaagagcatg ccaccagcct gtgccgctgt tacgaagaga agcagagccc cctgcaggag 360
caccttcggg cctgnanccc tacgtgtgaa caggctggcc agcgtgggct ggcggggtaa 420
actacaccct gagctccagc ctgcttnatt ctgtggagga gcccatggta catctgcagc 480
tacaggtttg tgctgntcc aggtacccan gcccaacct gtttccatgt cccaa 535

<210> 240
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 240
ctaataccgaa agagaatcca tnngcagata ancntggact gttcctctac agaaggaaac 60
acacgaaagg gceagteggga ~~agaaattcaa atgaaaagaa cccgccgtgc nntcataatn~~ 120
ccaacgagcc atcactgggtg catctcttgc tgatataatg gctaagagga atcgnaaanc 180
ctagagggttt ggaaagcccc agctgagagc aggcctatca gggctngcca aggnagcana 240
aaaggctann gcnggcttna aannatgaca gcaatnggct gctgccnagg cccccanaaa 300
nggcagcacc taaacaaaag attcg 325

<210> 241
<211> 345
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 241
acttgaagac gcagctgcac gccataacta nggcattcct cntnnacnt tatantgacn 60
ngatnnccgg angtagccag ngcacttggc cgctgactat ngaggcatca natcttgctt 120
aggntcactg gacaaantat gaggaggaca aattctacct tgaccctatn taaaagaggt 180
tattcgggaa aagaaaggag agagaanagt ggnctaagga agtgatcttt ttanttaaga 240
tctgngtgtg tgccctggctt caccatactt ttacanagnt atttaaacc aaatcacaat 300
ttaangatta ttngnttcta cctatnnca cactttaaat aaaca 345

<210> 242
<211> 208
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(208)
<223> n = A,T,C or G

<400> 242
gactgagccc tcccaggcac caatacttca aagcatctta cctctgctca atatataatta 60
cttgagagag attgaggaaa ctgctctcaa aaaagggtctc tctactcaag ccatctggcg 120
ccgactctgg gatgaactga tgaagacaag gccttccagt ttggagagag gnacnntctg 180
ncnanccctg actatgctgg caccact 208

<210> 243
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 243
ctatgatcca gccagacaca agcactctaa gtgtgcttca gncagtggct gtgccgctg 60
cacaatgagg tgaatcgaa gctgggcaag cctgattttg actgctcgag agtagatgag 120
cgttggcgtg acggctggaa ggacggctcc tgtgactaga agattaccag cagttcgtga 180

ggggcatcta gcctnggttc tatggncaac agcctgattg acgattaaag tgcattctgag 240
ccaaaaaaa 249

<210> 244
<211> 187
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(187)
<223> n = A,T,C or G

<400> 244
tgcgcgctgt gcatcangtg agacctgcag ctcanaactg gggttcagca agaactggtc 60
ccggaggaac gnagnaggag atgcctnntg gcnctantna ccctgtctac tnngaactga 120
ctttntttgt cncctcaana cnaccttctn cacaactnca gtgacgcttt ncactcctga 180
ggatgct 187

<210> 245
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 245
gactcagacc acacagccgt ctagaanaag cagaaaccag ctgagctatc tggaagagct 60
ttagaccaac tgagacactg aggaggacac tctccagcct gttgagctgc ctgcaggctg 120
tgcagtgtgc tacaagttcc cagcgtttgtg agctgtcacc catgctgggg tgggcctccg 180
ggatgcagct gtctttgagt catttctgct ccgataagta acccctcacc catattcttc 240
caaggaaccc caataaaact catggcttac caag 274

<210> 246
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 246
gaactgagaa tggaatgacc tatgtangca tgtgcatgta aacttcactg gcgaagagtg 60
ggctttgctc agtccctccc agaagagget ctacaaggat gtaatgctgg aaacctacag 120
aaacctcact gctataggtc tgcagntggg aaaaccgtaa tatngaagaa tattttcaac 180
cgttctagaa gatntggaag gcatgaaaga agtcatactg ggagaaaaac cttctgtata 240
tactcaatgn aataaagcat ttgcatatca gaga 274

<210> 247
<211> 534
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(534)

<223> n = A,T,C or G

<400> 247

gactgaggtg	gggtctttac	tacggggccac	gcaaagctgg	gcacacacac	aatggaagtg	60
actgtctacc	accgacgggg	ttcccagagc	tacgtgcccc	ttgctcacgc	cagttcaacc	120
ttcaccatta	ctgaccaggt	acctttctcc	gtgagtgtgt	cccagctaca	ggccttggac	180
ggagagacca	agcacttcct	gagaaatcat	cctctcatct	ttgcccttca	gctccacgac	240
cccagtgggt	atttggccga	ggccgacctc	tcctacacat	gggactttgg	agatggtact	300
gggaccctga	tctctcgggc	acttgatgtc	actcacactt	acctggagtc	gggctcagtc	360
actgcccagg	tggactgca	ggctgccatt	cctcttgttt	cctgtggttc	ctccccagtc	420
ccgggtacca	cagatggcta	catgccaaact	gcagaagcac	ctggaaccac	atctaggcaa	480
ggaaccacta	caaaagttgn	gggtactaca	cctggccaga	tgccaactac	acag	534

<210> 248

<211> 305

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(305)

<223> n = A,T,C or G

<400> 248

caaggcaggt	tactaaagat	nnacaggcaa	gatggntatc	ccagcaagtt	ggncctggcc	60
tacaaagtct	gcatgaccgg	aagaangtca	tccttggtt	nttcttggtg	cagcacanna	120
cccgcctgca	gattgcatag	gacccgtctc	tggactatga	gtacttgccc	ctggtggggc	180
tgaatcatt	catccagtc	ttctctggaa	ctcctctttg	gaaagcacag	cgaagccatt	240
gcgganaaaa	gggctggggg	ngngcacatc	gntaggtgag	agtggagcct	tccagctttg	300
gggct						305

<210> 249

<211> 233

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(233)

<223> n = A,T,C or G

<400> 249

catggacccc	tccccacgag	ngcaggna	ccccagcact	gggaggcccg	atgcanaggg	60
ngaccccncc	aagaggantg	gccagtgttg	ggccccaggg	ctatggaact	ggcatgcggc	120
ccccacccaa	antcccttgc	caccagccag	gtcctgccgt	cnatgaacat	gggtccagga	180
gtgcgtggnc	catggtccac	atccaggnga	aagtnngatc	ccggactctt	cct	233

<210> 250

<211> 510

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(510)

<223> n = A,T,C or G

<400> 250

tgctttgtgc	ttgtggagac	ctggggccat	cnnctggcac	agtaggatgc	ccccngtcc	60
tcctcagcag	aacaggaaca	ggttatcaca	gctgcctggt	ggggagcttg	nagagatgga	120
actgacttgg	caagagatca	ttgtncatta	ctgagctgca	gggtctaaat	gttccaagtg	180
agacatcttt	tgagcctcaa	gcacccaccc	cataccctgg	gccactgcca	cctccaacat	240
attgcccctg	ttcaattcat	ccagatgcag	gcttctccct	tccccacca	tcttatgagc	300
tcccagcatc	tactccccat	gtcccagaac	taccatactc	ctatggtaat	gtagccatac	360
cagtgtcaaa	gccacttacc	ctttcaggcc	tgtctaatga	gcccctccca	gaccacttag	420
ctctcctgga	cattgggctg	ccagtggggc	aaaccaagc	ccaagaaga	cccagaatct	480
gactcaggat	tatccctcaa	ctacagtgag				510

<210> 251

<211> 503

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(503)

<223> n = A,T,C or G

<400> 251

aaagatgatg	tctgcaaaca	ccgtggctaa	agtgatgatc	atnatgctgg	cagnctgtct	60
tcttacccaa	acggatggga	aaccctgtgag	gaagagagct	gtcagtgaag	tacagcttat	120
gcacaacctg	ggcaaacacc	tggcctccat	ggagaggatg	caatggctga	gaaggaagct	180
gcaagatatg	cacaattttg	ttagtcttgg	agtccaaatg	gntgccagag	atggcagtca	240
ccagaagccc	accaagaagg	aggaaaatgt	ccttgttgat	ggcaatccaa	aaagtcttgg	300
tgagggagac	aaagctgatg	tggatgtatt	agttaaatca	aaatctcaga	aatgctgatt	360
tattctagac	agtgcagggc	actgacntat	gctgctacct	tttcaagctt	atgaagatca	420
ccaagtgcta	atacttctac	tgnaatgaaa	ctttggaatt	tttttgatta	cntttttgct	480
catttaaggt	ctctttcaat	gat				503

<210> 252

<211> 258

<212> DNA

<213> Mus musculus

<400> 252

acctaccctg	aagaagaaag	caattcggaa	tcagctagca	tttctgcagc	aagacacata	60
tctgaggaca	ggagagagtc	tgatgactcg	gatgttgatt	tgggctctgc	agtgagacag	120
ctgcagagag	ttcattcctg	acatacagga	aagggcggcc	accaccatca	gacgcattga	180
tcgggatgac	ctagggcgct	tcaaagaatt	taaggcacaa	ggtgtggcta	ttagatttgg	240
caaattttct	gctaaaga					258

<210> 253

<211> 485

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(485)
 <223> n = A,T,C or G

<400> 253
 ttgattttga agtatgtat tgcgtgtgcc antgctcttt ggtgtgctgc gggagccgga 60
 cattntgaag ttgttaaact tctagnnagc catggagcca acngaaacca caccacagtc 120
 actaactcaa ctccattgcg ggcagcatgc tttgatggca gactggacat tngngaaatat 180
 tncggttgaa aataatgccg aatatcagca ttgccaaaca agtatgacaa cacctgccta 240
 atgatnggng catataaagg gcacactgga tgtggtcaga tacctcttag aacaacgtgc 300
 tgatcccaat gctaaagcac actgnggagc cacagctttg cacttttgca gnctaagctg 360
 gtcacatttg acatttgtga aaganctgat aanatnggag agctngcant agctggtgaa 420
 tggncatggg atgacnccat tgaagggggc cgctgaaagc tgtaaagctg atgtcgttga 480
 acttg 485

<210> 254
 <211> 174
 <212> DNA
 <213> Mus musculus

<400> 254
 attcatttcc atttcaacaa atgatggcag aagttcctaa catggcagtc accgactgga 60
 cagcaggtgc cagcagtagc tcctaacatg gcaaccgtga cagaacagca ggtgcccgca 120
 gacgtcctg tccaggaacc tgcaccagaa ataatactga gattttaaaa aaaa 174

<210> 255
 <211> 458
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400> 255
 gaactgaggt tttactgcaa tcaactgcaac aaacccatt ttgcttataa agactcgctt 60
 acagcttgat gcaaggactc gtggggaaaa gcaaatgggt gcttttgaat gtgttcgtaa 120
 agtctatcag acagacggac tgcgaggatt ttatagggc atgtctgcct cctatgccgg 180
 catatcagag actgttatcc attttgttat ttatgaaagt ataaagcaaa aactactgga 240
 atgtangact gnttctatga tggaaactga tgaggagtct gtgaaagaag catcggattt 300
 tgtgagaatg atgctagctg ctgccacctc aaaaacctgt gccacaacca tagcgtatcc 360
 acacgaagan ngaaganng gactacntnn ataanggaca cactntaggg annttntntc 420
 ngcncctggn tttgagtga ccctaagaag gcttacgg 458

<210> 256
 <211> 479
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = A,T,C or G

<400> 256
 tactgaggat gactatatgg aagcgctggc ccggtcctc tcacagtgc cagggcctac 60

aagggtgaaca	ctgatatcaa	ctttgaggtg	tttattcata	aagtagatgg	tctgtcagat	120
gaccacaaaa	ttgaaaccca	gagagacatt	caccagaggg	caaacgatga	cctcgctgat	180

gctgggatta	gaaaaaattc	accttgagct	tttacctgac	aagcatatat	gatcattcaa	240
tatttgaagc	ctttagcaaa	gtggttcaga	aactgatccc	acagctcccg	acgctggana	300
atctgctgaa	catctttatc	tcaaattctg	gaattgagaa	agcgtttctg	tttgacgtgg	360
tcagtaagna	tttatatttg	caactgacag	cacgccggtg	ggacatgcag	acgtacgagc	420
tcttgctgng	acatgattga	cggnggtgat	cgacatctct	tgtatttatg	ggtctcaaa	479

<210> 257

<211> 360

<212> DNA

<213> Mus musculus

<400> 257

actgagctgg	agagaggcgt	tcgtgagagt	ggatgggttac	ttcggcagag	caccattctg	60
aaacgctgga	agaagaattg	gttcgacctg	tggtcagacg	gtcacctgat	ctactacgat	120
gatcagactc	ggcagagcat	agaggataag	gtccacatgc	ccgtggactg	catcaatatc	180
cgcacggggc	atgagtgccg	ggacatccag	cctccagatg	ggaagcccag	agactgtctg	240
ctgcagatcg	tttgccgaga	cgggaagacc	atcagtctct	gtgcagagag	cacagacgat	300
tgccctggcat	ggaagttgac	actgcaggat	tccagaacaa	acacagctta	cgttggttca	360

<210> 258

<211> 259

<212> DNA

<213> Mus musculus

<400> 258

gaccatcgag	cagtccttgc	tggccacacg	ggtgggcagc	atcgccgagc	tcagtgcact	60
tgtgtcccg	gcatgcacc	atctacagcc	cctcaatgcg	aagcaccacg	gtaatggcac	120
gcccattcac	cacaagcagg	gggcgtctta	ctgggagcca	gaggccctgt	acacgctctg	180
ctacttcatg	cactgcccg	agatggagt	ggagaatccc	aacgtggaac	cttccaaggt	240
caacctccag	gtggaaagg					259

<210> 259

<211> 460

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(460)

<223> n = A,T,C or G

<400> 259

gactgaggtg	tccaagcta	gaggtaagca	tggcagtaac	aggaaccac	tgctgagcag	60
cttgcgaga	tagctgcaga	gaatgaggaa	gatgagcact	ctgtgaacta	caagcctcca	120
gccagaaga	gcattcagga	gatccaggaa	ctggacaagg	acgatgaaag	cctccgaaag	180
tacaaggagg	cctgtctggg	cncgagtagc	tgtctctgca	gacccaacg	tcccaaatgt	240
catgtgtgac	tcgactgacc	ttggtatgca	gcactgccct	aggccttntg	gaantgntcn	300
tgacanngna	gccnagagan	gcttnagaga	aanatncagt	ntgttggtga	aggaaggcg	360
cggngnacct	actantaaag	ntntttccn	ggntgaacaa	gaaagantcg	tgtccgncat	420
gaagtacatc	caacacacnt	ataggaaaag	gggtcaaaaat			460

<210> 260

<211> 466

<212> DNA

<213> Mus musculus

<400> 260

tgagtgggtt	ttcctggatg	atgtcctggg	tcagagggtg	gctctgtcgt	ggggatttgg	60
agtggccagc	attgtcacag	gaccgtatgg	aaggaggggc	ctttttcttc	cgtggaagag	120
tgccatgtat	agacaccgtc	ttgataggca	tctgtgacg	gctcagcaag	aggggacttg	180
ctgctcagga	ggtccatgga	cgaggccaag	gggaactggt	gattcacagg	catgtttctg	240
ggaaggcttg	caaaccttcc	cgcagccatg	attcttaact	ctgaggaggg	aaaagagaca	300
gaaggacaaa	gccttgataa	ttcagaagct	tgtctgctgt	acgcgtgaga	ctacatagaa	360
agcttggttc	acaaggaata	tagaaaaaca	gggtggtgag	tcctggccag	ttcctggcac	420
tctgtcagca	cttaatcaat	gttaatcatt	gttattaaaa	aaaaaa		466

<210> 261

<211> 381

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 261

actgaggttg	ctcaggacac	ccctttcccg	gttcgagggg	agtcagccga	cgcgcgcgca	60
ctgcgcagac	tcctcgctgc	agtgggcgtg	atccgtggag	gtcccgcgcc	tactcagctg	120
ctcagacaga	agctggagcc	ccaccgaagt	agcagccaac	gtctgatttc	cagtccctga	180
cacacccacc	tagccacctt	cgttctgcag	agtccccag	cggtcaggca	atatgaagcc	240
caaactgatg	taccaggagc	tgaaggtgcc	tgttgaggag	cctgcggnag	aactgncctt	300
gaatgaaatn	gaggcatgga	angcagcaga	gaagaaagcc	cgctggntnc	tcctggctct	360
gacccctggc	gtagtgggct	t				381

<210> 262

<211> 506

<212> DNA

<213> Mus musculus

<400> 262

tctgcaggag	tcagtcgcag	tgttgctgta	gtgatggctt	ttataatgaa	gaccgaccag	60
cttacctttg	aaaagcctac	tgacatcctc	cggacagtca	agccagaggc	taaagtgaat	120
gaggggtttg	aatggcaact	gaaactgtat	gaggcaatgg	gatacgaagt	cgatacggtc	180
cagtgccttt	tacaagcagt	accgtttaca	aaagggtgact	gagaagtatc	cagaactttg	240
gaattttacct	caggaactct	tcgctgttga	cccaactacc	atttcacagg	gattaaaaga	300
tgacattctc	tacaaatgca	gaaaatgcag	gcggtcttta	tttagacatt	ctagtatttt	360
gggtcatagt	gaaggaagtg	ggccaatagc	ctttgctcac	aagagaacgg	cgccatcttc	420
tgtacttacc	acaggagatc	aggctcagtg	ccacgtctta	cttcattgag	gcctgtgcag	480
tgatggaat	ctaactttgc	tggaaa				506

<210> 263

<211> 458

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(458)

<223> n = A,T,C or G

<400> 263
 ggtctcctct tttgcttctc gaagccacgt gaaaaaggcc gtgacagact tgagggccac 60
 gcccttccca gcttgctcag cggggctcctt gctgctctcc catttgtaga aggcacccctc 120
 tgatatcacc tcctcgatcat acaggcaatc aaaaaacatc cggagcaagt ctgcaagagg 180
 tgacaacagc cgcagggtgtg agcatntat ttgcaaggaa aagcaaagac atgtgaatta 240
 cngagtgact gaatgtggtc ggtgaatgaa tgaatgaatg aanggctgca gtcaatcagc 300
 acagtgaatg aacatccact ccccagnact gtgcactaca cctcttgnt gctgagcaat 360
 gtaacactca tttgcagacn aaacattact ttttattctt atntttgcc aaattcaact 420
 atngtntggg anactactca aaggtgtttg ttatttaa 458

<210> 264

<211> 106

<212> DNA

<213> Mus musculus

<400> 264
 ctggaacccg agagactgtc gagcctgcac accctggagc tttgagggaa ccagctggaa 60
 tccacaaagg gaatctacct tcctaagctg aagaatctct acctgg 106

<210> 265

<211> 525

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(525)

<223> n = A,T,C or G

<400> 265
 caactggaag agattcgctt aaagcaggta acagcaggag aacccaggca ccaagaagcg 60
 caaggaaaac aaggagcaga atcagggaga atcggcgggg gagaaaagcc gatcccgaac 120
 agtactcgg gtccttgcca ccagcttgcc atacaggaac cggaaaccggg agaaagagct 180
 gctgccagta caactggaca ctacgcagcc tcaggacatt ntggaagagg aggagctcga 240
 gcggatgaag ctctgtctac aganagagaa cctcatccgc ancctgggca ttgtngagca 300
 gctcacccgc atgtgttacc ctanccaccg gagccacaga aagcttcatt agtatcggn 360
 gagntccct gcgaagcctn tcacaaagca agnaacaag ggctgtgatg ccaacacgtn 420
 nntgggtggt ttaaccaaen gaggttattt gtgatggtac cttgtcacgg nagcctggga 480
 ataggctctg ctggnntcca tgatgtcngt taccaggctt ccttg 525

<210> 266

<211> 460

<212> DNA

<213> Mus musculus

<400> 266
 agcacggacg gaggaaggag gagaagctga gccaggccta tgcaatcagc gctggtgtct 60
 ccctggaggg ccaacagctc ttccagacca ttcaaaagac cattaagagc tgtaaattggc 120
 aagaaaaaaa cattgtatgc atggaagaag ttgttattac acccccatat caagtggaaa 180
 attgtaaaag caaagagggg agtgcactga gccatgtacg caaaatagtt gaaaaacatt 240
 ttagagacgt ggaaagccaa aagatactgc agcgttcaca agcccaacaa ccacagaagg 300
 aggtgctct gtcacctga gtccacaaac agggaggact cttccagcat ccagccacag 360
 cgatggtggt ggtggcttca gtggaggcgg gcccggggga gggaagggat cctatatattc 420
 ctgctgactc ttattagggt cagtgtttca aaaaaaaaaa 460

<210> 267

<211> 275

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(275)

<223> n = A,T,C or G

<400> 267

tactgactca	gctcgggact	ggccctttaa	gaaaacattc	nttgctcgtc	ggccccgcc	60
ggggcccgta	ccctggacac	tttaaaagga	cccagntagc	cctggaggcg	aggngaccgn	120
ctccccgccc	tgccctgcg	ctgcgcagcg	ctgtggctcc	tgcccaagcc	ggnccgtaga	180
gaagactggc	ccgcagcggn	tttctgcgcg	anttncttgg	atctcncnc	aaangcgctg	240
atagatggga	cacgngncca	ggctgctttt	gctgc			275

<210> 268

<211> 333

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(333)

<223> n = A,T,C or G

<400> 268

ttatacatgc	tgttctcaag	agatggaaga	gaagtncagc	ctgcaaagta	aagatgattt	60
caaaaccgtg	gtcagcgaac	agtgaacca	tttgcaagcc	atctttgcat	cccgttacia	120
gaagtttgat	gaattcttca	aagaacttct	tgaaantgca	gagaaatccc	tgaatgatata	180
gtncgtgaag	acnttttggc	cacttatgcg	tgcaaaantn	agagctatat	aaagatctct	240
tcctttgagt	tgaagcgnta	ctatntggcg	ggaattgtga	acctggaaga	aatgttanana	300
tnacttnctg	ggcctcgcct	tctggcgcgc	atg			333

<210> 269

<211> 427

<212> DNA

<213> Mus musculus

<400> 269

gactgaggac	ttgccttctg	cctgtcgtct	gaagagggaa	actcttcgta	ggagggctca	60
acttcaacac	cgatgaacag	gcacttgaag	accacttcag	cagctttggg	cctatctctg	120
aggtggttgt	tgtcaaggac	cgggagactc	aaagatcccc	gggttttggc	ttcatcacct	180
tcacaaaccc	agagcatgcc	tcagatgcga	tgagagctat	gaatggagag	tccctggatg	240
ggcgccaaat	ccgagttgat	catgcaggaa	agtctgccag	gggatccaga	gggggtgcct	300
ttggtgggcg	tggtcgcagt	tactctagag	gtggtggaga	ccagggatat	ggaagtggaa	360
gatatgacag	tcgtcctgga	ggatatggat	atgggtatgg	gcggtctaga	gactacagtg	420
gcagaca						427

<210> 270

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)
<223> n = A,T,C or G

<400> 270
ccactgttgg agaagaccag tcagggcctg acaggcccan aggcancctg ctactgcag 60
gactgagctc caccagggag gtctgttgg gcaggagtcg gnagagagcc cagcgagacc 120
ccagcagcct cccgtttctc gt 142

<210> 271
<211> 451
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G

<400> 271
gactgaggtg ggggtctttca ngagcccagn ctgggacaga aggtaccac ggagggacac 60
tccgaaccga tctgttgcc ctctcgntc ccagagccgg cagggggccc ccagccggga 120
atcctggggg ctgtaacagg tctcggaag ggaggctccc gccggaatgc ctggggaaat 180
cagtcatatg cagaactcat cagccaggcc attgaaagcg ccccgagaa gcggctgaca 240
ctgcccaga tctacnaatg gatggtccgc acgngccct acttcaagga caagggtgac 300
agcaacagct cggcaggatg gaaggtggtt tgtgttagtg taccaagtac agnggacaga 360
atggaccttc acgtanacgt tagagtgagg gagcanatct acnatgngcg gagggggccan 420
actgaacana agatggggaca gcttgaccg a 451

<210> 272
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 272
gactgagatc ccgtgataat ctgcaggaa cgatttccag caacactgtg cacttggtg 60
ccattctgtc ttgcttgctt gtccctcaca aacagtcagc tgagcagcag tcttcaattc 120
cagatgccac tggctctttg cacagactca agagaagacc gaaagcatta gngataaagc 180
cacattctcc aagcttcgag cctngagatg agtggccttt ctgcgaggca catnaacagc 240
gtgacttnga agagcanagc ttgnatagag atntaggnct aacggcctna nctgacagaa 300
cagncaactg gctgnaccgn gttttgtgtg tgtgtgtgtg tgtgtgtgtg tg 352

<210> 273
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 273
ctggtggcgg tgctgtntgn gacngactgg gctgaggaca tgcccannct gaaggacctg 60
gccantgtgg ctttctgtga tgcacagtcc actcaggaaa tccatgagaa ggtgttgaat 120
gaggctgngg gtgccatgat gtaccacacc atcacctca ccagggaaga cctgtttntn 180
ttcaaggcng tgagagtaga tcngncgaat cgggtactggc tacgacaacg tggacatcaa 240
ggctgctggc gagctc 256

<210> 274

<211> 507

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(507)

<223> n = A,T,C or G

<400> 274
gactgaggtg gggcgcccgt gagactgcgg ctgcatctac cggttcgag ttgcctact 60
ggatgaatat gaaaacgaag tggtaagtt ctctgcctca cccaacccag tccttcagt 120
gactgagagg agctgccgac aaggactacc atgatgtgat gcanacatct ctaggttgct 180
atgcctgagg actactccat gtgnggaggc caagccagac ctganngcac acnctntgg 240
tccccacatc aaggtaaacy gagggagatc tggagttcaa ggtcatcccc agctgtatac 300
tgacttcaag gccagcctga gctacatgag gccctgtcaa aaaagagaga atatccaata 360
gaccaagctt gggatcataa caaaaggaga aagctactta taagaagaca gggactttaa 420
aaattttctt aatccggggc tggagagatg gctcanccgn taagagcact gactgctctt 480
ccagagncct gatttcaatt cccagca 507

<210> 275

<211> 393

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 275
atgttaaggt gcatggcgcc ctgctgcaga ttttccccga gggtcggcca gtggtagcca 60
acatcgagcc actctttgac cggttgctca ttttctggtc tgaccgacgg aaccacatg 120
aggtgaagcc agcctatgcc accaggtacg ccatcactgt ctggtatttt gatgccaagg 180
aacgggcagc agccagagac aagtatcagc tagcatcggg acagaaaggt gttcaagtac 240
cagtatcaca gccaactaca cctacctaata ggccagcccc agagctgcgt ggaccagcag 300
cagctcctgc ctacgtgccc gctcctttcc tgccactgct gctgcttctg gcttgccctt 360
gtactgngtg gngtggaggg cactaagtat cac 393

<210> 276

<211> 322

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 276
gactgaggggt ccccttgaga naatgaagag tatccgggag accatgaagg ancaaggtgt 60
cctcaaagac tttctgaaga accacaagta tgaccctggc cagaaatacc actttggcaa 120
gnttgngac tacagtgtac tctatgagcc catggcctat atggatgctt cctactatgg 180
tgagatcagc atcgggactc caccacagaa cttcctggtc cttttcgaca ctggctcctc 240
caacctgtgg gtgtcttctg tctactgcca gagcgaggcc tgcaccacac acaccgcta 300
caacccagc aagtcctcca cc 322

<210> 277
<211> 370
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 277
gactgagtca aatggcagct tgctcagtan ctgccgaggc gctaggagtt gccgaaacag 60
gtccggaagc taccgagcga gtccggaagt tgccgaaagg gagcagcggg gaaggaggat 120
ggcgnatctc atcgcaagac ttcgagagga cgggatccaa aagctgtgtg atacaggagg 180
gccgaggaga gttgccggac tttcaggatg gcactaaggc cacgttccac tttcggacgc 240
tgcacagtga caatgaaggc tccgttatag atgacagccg aacacgangc aagcccatgg 300
agctcatcgt tggcaagaag ttcaagttgc ctgtgtggga gaccatcgtg tgcnccatgc 360
gtgaggggga 370

<210> 278
<211> 227
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(227)
<223> n = A,T,C or G

<400> 278
gtgcttcaca cacctgcttg nnttacctgn caggcgagaa nnctngtgna tggtanngag 60
ccngggacca ngcagctcat tcagngcntc agganntaaa acccanaatn ctaccnagng 120
tccccacttn ttggggctcc acatgncctg agatctagga actgcctttg cctgcgccaa 180
agctattcca ttaaaacttt actgctgggc tgccctcaaaa aaaaaaa 227

<210> 279
<211> 175
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(175)
<223> n = A,T,C or G

<400> 279
gactactggc agtattcgtg angtgattgc agaattgatt gagctgncac atgcctgctg 60
acctgtgaac ttaactgctn atttccagac nacacagatg gnatttgctc cnangagcca 120

tttctaaaca ggtccacttc ccctgtatcc tttcttttcc actacttctg gtggg

175

<210> 280

<211> 260

<212> DNA

<213> Mus musculus

<400> 280

gactgagggtg gggctctttca catttttcgag ctgagacctt gatcggctaa cttagtcaaaa	60
ataccactgc caccgctgaa ggaccagggtg ttcgaatgca cagtgttgca agcaacgcaa	120
gcgaaagtga ccctcacaca cacagccctc tgtgtccttt tatggctgtt ctgtcgtcga	180
tgccaacccc caattattta ttattgttaa taacttactt tttcttacat tctgttgtaa	240
ataaagtatg aagcaatctt	260

<210> 281

<211> 186

<212> DNA

<213> Mus musculus

<400> 281

tctgggatgtt tgacggctat gatagctgca gtgaggacac aagtagcagc tccagctctg	60
aggagagtga agaagaagtt gtccttttac cttccaatct cccaatcadc aagaataatg	120
gacaagtcta cacataccca gatggtaaat ctggcatggc tacctgtgag atgtgtggga	180
tggtcg	186

<210> 282

<211> 310

<212> DNA

<213> Mus musculus

<400> 282

gactgaggcc ttaagtattc ttcaaagagt cccccagtag tggatgacac agacatgaaa	60
agatgcgaga cgccgcagat ccttcaccac caaacaatat gttgcggaga tctaatagtc	120
ctgaaaacaa atacagtgc agcacaggtc acaacaaggc caaaaacgtg cacactcaga	180
gagttagaga aagggacggt gggaccagtt actctccaca agaaaactca cacaaccaca	240
gtgcacttca tagttcaaat tcacattctt ctaatccaag caataatcca agcaaaactt	300
cagatgcagg	310

<210> 283

<211> 398

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(398)

<223> n = A,T,C or G

<400> 283

atgttaaggt gcatggccgg cctgctgcag atcttccccg agggctcggc agtggtagcc	60
aacatcagag ccactctttg accgntgct cattttctgg tctgaccgac ggaaccaca	120
tgaggtgaag ccagcctatg ccaccaggta cgccatcact gtctggtatt ttgatgccaa	180
ggaacgggca gnagccagag acaagtatca gctagcatcg ggacagaaag gtgttcaagt	240
accagtatca cagccaacta cacctaccta atggccagcc ccagagctgc gtggaccagc	300
agcagctcct gcctcagtc ccgctccttt cctgccactg gttgctgctt ctggcttgcc	360
tctgtactgg ggggggngg agggcactaa gtatcact	398

<210> 284
<211> 159
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 284
gagcacaggc ggcagttggt tctccatcct cngtgagccc tggagcatgt ncccactgcg 60
agccttcagn catgccgntc tgcacgcttc tgtctccaac aagtggagcc aatgagtcac 120
accccagggg ggctngaggc acccatcacc accagtgc 159

<210> 285
<211> 250
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(250)
<223> n = A,T,C or G

<400> 285
atctgagacc tcgtctgcaa acagcataag cagcagtact tcttcaaacc acageggcta 60
cactccagag cccctctgc tccagctgg aggcgacctt gccagccgac tgtccagtga 120
tgaaggggag atggacggag ccgacgagtc cgagaagtta gactgtcagt tctccacaca 180
ccacccaga cctcttgctg tctgctcatt cgggagtcgc ctcatnnnac gaggatacta 240
tgtgtttgat 250

<210> 286
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 286
gggacatggg ttggaggacc ctgccntcca gacgccagga agaggagact acnanagacc 60
tggtctgaa atnaccacca gggaaacctg gaggtctcct gccagcatt gatganaccc 120
gacctatagg cccaggccca gcctc 145

<210> 287
<211> 110
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(110)
<223> n = A,T,C or G

<400> 287
gagcagtttg cctaattgcca gagcggggga agatgctgag tgcacaagat caacantgag 60
aacaagccc tggacttnt cgccagcagg ggaacaagc tgggtgteeat 110

<210> 288
<211> 245
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 288
ttcctcaccg gccagctttt gcctgacctt acaagcttct gagatgaana acccgaggga 60
agcggcagac gggaaacagc tgtattcncc tgcgccctgg ctgctgctgcgt ggttgccctga 120
ccggctaanc atgcacctnc tgcncctgcga cgttctantn tgcntggctc ggtcncggta 180
gatcgcttnt tcncgncccc tngnnccca cgatgcataa cgggctacag ggcgtcgttt 240
cgcgg 245

<210> 289
<211> 489
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 289
tgacgtcct ctcttcccag tcttcatccc tggcagcccc ctttgggtct gtgtccactg 60
aaaacccaga gcagaggatg ctggagaaga gagccaaggt ggtggcggag cttttgcaga 120
cggagagaga ctacatccgg gatctggaga tgtgcattga gagggtcatt gtgcccctgc 180
agcaggcaca ggtaccaaac gttgatcttg aaggnntttt tggaaatatg caaacagtga 240
ttaaagtctc aaagcaattg ttggcggcct tggaaatcag cgatgctgta ggaccctgtg 300
ttcttgacca ccgagacgag cttgagggan cgtacagggt ttactgccag aaccacgatg 360
aagccatctc cctgctggaa atgtacgaga aggacgagaa gaccagaag caccttcagg 420
actacctggg cagatctcat gagcctgtac cacgaatggg gatgcnccca attacatcaa 480
cctggggct 489

<210> 290
<211> 331
<212> DNA
<213> Mus musculus

<400> 290
actgagggtg acctgtctgt gtgcccagtt tgaagccgtc cttcagcatg gcatgaagag 60
gagccgagga ttagcactca cggctgcagc catcaaacag gcagcaggct tcaccagcaa 120
gaccgaaaca ggagcaaggg ggctggtgag atggctcagc aagtaagagc acccgactac 180
tcttctgaag gtccggagtt caaatcccag caaccacatg gtagctcaca accatccgta 240
acgagatctg actcctctt ctggagtgtc tgaagacagc tacagtgtac ttacatataa 300
taaataataa ataaatcttt aaaaaaaaaa a 331

<210> 291

<211> 499
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G

<400> 291
gactgaggac tttaagctcg acttcggcaa tttccaaggc aaaatgagtg agaggtggca 60
cggaggcatn antgncatnn ttgnganncc tntntcncaa tanganattn agggttctnc 120
tcaataagcg gaaggaaatt acctgccnnn gttacctgat gacgaactac nagagcgcgc 180
ccncatcacc acagtataag aaggttatct gcatgggtgc ganaganaac ngtttgccac 240
aggantatca ngaganatta aaagcnatan aaccaaata gaatnaagga angatctccg 300
acgaaatgga agacatcatc aaaangggag agtcanaact gtcataacag actctgaagc 360
tntgtgtgct attatgaagt gcttttaacg tttgcgaaca ngagtctgga ccttcttggt 420
tctgaccttg attttcaaca gtgctgnnaa gggcttctca cataggtgat tctttatatt 480
tanctgtaac aaacaactg 499

<210> 292
<211> 381
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 292
gactgaggac tatgatgttt gtctgtagcc cangccgacc tcnangntnt ccggcctcan 60
ggccccctga gtaatgggga tgggaaggcc tggaacacca caccagctg acgctnctca 120
aggccttttc atagtctcca agccttgaag gtttacaaga agaaagcagg cnaccagatn 180
cgctgtctc tgcccacaag ggctggcatt aaagatgtgt gccgccatgc ccagtgatcc 240
cagtttaaaa gaaaaagaca agattccgat tgatanaata ttaaannaan ctngntgnc 300
tgtgcccact atggaacaac ctnanactga gaaccagcc ctagtaagg ccactagtgc 360
anaaactggt tttttaatgc c 381

<210> 293
<211> 390
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 293
actgagctaa caagcaganc accagcnggt cagtatttgg atggcttcac ttgacagtac 60
ttntctttga agnccactgg gntcatctgc agagcttcac ctacctcatc cactggaaga 120
aaatgtcaag gcattcaatc aagctttgga gataatcagt tattaagcat acagctgaat 180
ccttttaaaa acacatatca cttacatggt atgttgattg atccaggtat ttttccttgc 240
tcaagaattt cccatgtatt tctaacaatc attaacataa tgtctttgga gttcagttag 300
ctttttagtt cccataagt cacaccctta ggagtagaac aaaatgcttg gctgcatctc 360

<210> 294

<211> 489

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(489)

<223> n = A,T,C or G

<400> 294

gactgaggct	agatcttcag	aactgttccc	tgaggatcct	ggtccaaact	ttttacaggc	60
ttatactgct	attatcatag	accttcaggc	aaatcctctc	aaggatgatt	tggccaacac	120
cttccgtggg	tttactcagc	tgagactct	gatactacca	caagatgttc	cctgtcctgg	180
aggtagtaat	gcctgggaca	atgttacttc	tttcaaggac	aagcagattt	gccaagggca	240
aagggaacct	tgcaatagca	ctggaagccc	agaaatgtgt	cctgagaacg	gatcttgtgc	300
atctgacggt	cctgggtcttt	tgagtgcggt	ttgtgctgat	ggtttccatg	gatacaagtg	360
tatgaggcag	ggctcatttt	cactgcttat	gttctttggg	attctgggat	ccaccacgct	420
agccatctnc	attctacttt	ggggaaccca	gcgcgggaaa	gccaaggcct	natgagccac	480
acaagactt						489

<210> 295

<211> 334

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(334)

<223> n = A,T,C or G

<400> 295

atgctcccaa	acctgggaac	tgggacagct	ccgatgcctg	gggctccngg	acagacggaa	60
ctagcgctca	naggaacagc	agctgccaac	anctgggaca	cgggctttgg	ccaccacag	120
gcctaccaag	gaccagnanc	tggtgatgat	gacnaatggg	atgaagactg	ggacgacccc	180
angttcttct	caccttactt	gagggattca	gaaccagctg	aagcaggggg	catccagnng	240
ggaaacagtc	gtgcgggtgc	ctcctccatg	aagctgcccc	ttaacaaatt	tcctggattt	300
gcnaaacctg	ncatgnagca	aaactttggt	ggcc			334

<210> 296

<211> 141

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(141)

<223> n = A,T,C or G

<400> 296

ccctgggagt	ctgctatggn	nttccctcac	ctacaacagc	nnagtttntct	tntggctagc	60
ctgaaagctg	acctctataa	ataagccctt	tgcaaacgt	tcgccaagat	tncgggtgaan	120
gtcattgagg	attttccagc	c				141

<210> 297

<211> 445

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(445)

<223> n = A,T,C or G

<400> 297

tgcccggtgg	agctgtgtag	cctccgttcc	ctgcgggata	tcantgntcg	aaggaaccag	60
ctcantaccc	tgctgatga	gctgggagac	cttctcttgg	tccgcctgga	ttnttctgt	120
aaccgcatnt	cccgaanncc	cgntacttc	tgccgctna	ggcacctgca	ggncgttctg	180
ctggatagca	ttncctctac	agaggccacc	tgcccagata	tgctgaagg	ggaaacttca	240
catcttcaag	tacctaacaa	tggaagctgg	ccggagggga	gccgccctcg	gggacctggt	300
cccttccgcg	cccccaagtt	ttagtccttg	ccctgccgaa	gatttatttc	cgggacgtcg	360
ttatgatgga	ggcctggact	caggcttcca	cagcgttgac	agnggcagca	agagggtggtc	420
agggaaaatg	agtccacaga	tgatt				445

<210> 298

<211> 353

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(353)

<223> n = A,T,C or G

<400> 298

gactgaggtg	taacacccag	gnactacatc	tggcacaagg	gggatgcgct	gtgagtccat	60
catcacggac	ttccaggtga	tgtgcgtggc	cgttggctcg	gctgctctcg	tgcttctcct	120
tcctgttctt	gatgactgtg	ttctttgcc	agaantctta	tctngctcaa	gactngagaa	180
tacncaagct	tggggaggac	nnnntaaaa	ccnggacccc	gtctgagctn	cncaannagc	240
aanntctncc	tcnccaccat	tggnccaggg	ngntttcanc	cgnaatagac	agagcccngc	300
gctccccaca	aaatncagga	nccctctcaa	gtncgcgctg	aaggagggaa	gaa	353

<210> 299

<211> 289

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 299

gagaacacac	tggtagcaat	tttaatgtac	acatgcaaga	acaaaagcct	gtgaagctgg	60
aacgcaactg	taggttatgc	cactaactta	gccttaatga	atgaaatcgt	agttcagcgg	120
tggaggccct	gcctagtacc	tgccgaggcc	ctgggttctg	tctccagcac	tacaagctac	180
atacaggaat	ttattgaact	taggacttct	tcgtgcatgc	taagnnngtc	ctctcccaac	240
tgagccacat	ctccagttgc	ttaatgaata	ttaaggaaca	aaaaaaaga		289

<210> 300

<211> 204

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(204)

<223> n = A,T,C or G

<400> 300

aagggcagag	acttgatcat	gcacttacac	agngcnagac	ttcacattgn	anggaagcct	60
ttggtatggn	atacctgtna	cctgctcatc	atagcttgac	nncanntcca	gcggagcna	120
nagacctttg	tgccaancct	atgtgagtnc	ttcaggccaa	ttcatctctg	ngcaaagacc	180
tggnctgcc	ctgccacttt	gtgc				204

<210> 301

<211> 115

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(115)

<223> n = A,T,C or G

<400> 301

tactgtagga	tactcgggga	agacanccac	agntgtgtna	aaggggaacc	cccatcaa	60
gcgggcagnc	catccgtntg	acacacatca	acanaggtng	aagcctgcac	agacc	115

<210> 302

<211> 317

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(317)

<223> n = A,T,C or G

<400> 302

tgagtgagaa	ggccccagg	atggcgcttt	ttttaaggga	cctgcgtatc	ctgggtaccc	60
cttcctnntg	attccagacc	tnagcngccc	gtacctctcc	aacggacccc	tgtctcctgg	120
tggagcgcgc	accgtctnac	atgatnntgg	agtcantcn	tgcaatanca	nattgcagct	180
gctaacatca	gnagactgct	tggtcgccaa	naactaggat	ntaagangtg	cnnntnangn	240
ctgnagagat	ggctcagnn	ataagactgn	tcttacatag	gcnctgagnn	caaatecnag	300
acaaccacat	ggtggat					317

<210> 303

<211> 444

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(444)

<223> n = A,T,C or G

<400> 303
gactgagccc cgttccttgt ggactgtcca gngtgctggc aaaccagga aacagtcagg 60
ttgccagagt tgcagctggg ctacaaatta agaactcttt gacatcgaaa gatccagata 120
tcaaggcaca ataccagcag aggnntcagc tattnatcgc ttntgntcta cgtggaagtc 180
aacganntnt nnncttttga agccagaaga gagtgttgat tcccctggat ntggagttac 240
acgccatcgt gnggatcaga caagggtgct gngaactgaa ctctttggag agnagggagg 300
gttatgctgt tttgctctcc ccaacacagt cccacagctc ccctttgttt tagggatggc 360
aggtcctgtt gtttgcctgg ttttacagga taatgtgtaa agtcagggan gataaataag 420
taattttgag tcaaacaaaa aaaa 444

<210> 304
<211> 507
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

<400> 304
gactgagacc caatcccacc ttctcacagc caagtgccaa tggagtccag acagaaggcc 60
ttgactatga caggctgaag caggacattt tagatgagat gagaaaagag ctggcaaagc 120
tgaaggagga gcttattgac gcaatcaggc aggagctgag caagtcgaa actgcataaa 180
gaagcaaaact acggaggggc aggacttgaa tctggagaaa acaaaaattc ctacaaacaa 240
ctcttaaccc ccaaactttt aagctgtaag aagaaaatgg atacacagtc aggaggggaag 300
ccgtcaacct ctgaaagcct cagacagtga ctctggcgat cagctgtccc ctcaagtgtgc 360
tgctttattc tgtctgacct ttaccacagg atggagaatg atattggagt tcccttagca 420
gtactaaacc cgtcaggcaa gatcaccgng cattgaaata ttttcatgtc tagatgantic 480
tgcacgttnt ccataatcca ttgctaa 507

<210> 305
<211> 500
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(500)
<223> n = A,T,C or G

<400> 305
tgagcgctgg cgtggatgct gccatgcgct ggtctttggn gactcggctg ctttttaatg 60
gcngcagcgg ctgnctggga ngaacancta gagacnanna gtttgntntg acggnagggt 120
tgcttttctg tggcgccatc actgntggat tggcccttcc tggcccttnc tctgttagaa 180
gggagaagat gccactgcca ttnggattga aattgaaacg caccgcagc tacactgtgt 240
ccagcangag ctgcctgggt gcccgatcc agctgctcaa taatgagntt gtggagttca 300
ctctgtcngt ggagagcact ggccaggaga gcctanaagc tgnggcccag cgctggagc 360
tgagagaggt aagctgcaaa ggaggctgca ggtctttttt tcttcaactcc ttacctcatg 420
gaggctgngt atcctacctg gtctacctga caccagaagc atgcacttcc tgtctgtgac 480
tgcagatgaa cctgaagccc 500

<210> 306
<211> 420
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 306
 tgagccctgt cagaccccg agtgatgtga cccacaagca gctctcagca tttggagagt 60
 atgtggctga aatcttacct aagtatgtcc aacaagttca ggngtcctgc cttgatgagt 120
 cnagaaatct gtatccatcc cgatggagtc atcccaacgc tgacttttct cagggatcac 180
 accaatgcac aattcaaatt cttggctgac ttgacggcag tggatgtccc aactcggcag 240
 aaccgntttg agattgtcta caacctgctg tctctgcggt tcaactctag gattcgtgtg 300
 aagacctatg cagatgagct gacacccatt gactctatag tgtctgtgca ccatcgcggc 360
 ccaattggta tgaggaggga ggtctgggac atgtttggag ttttcttttt taaccacct 420

<210> 307
 <211> 254
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 307
 atgtgatgaa caaggacgag aaagcacagc anccactggt gcttagcntg atataggaat 60
 anacnnggat gncgcacagg ctttccatgt ancatggtn ttagttttgc cagggctgct 120
 ttgtgaagaa gaagggantg gtcannacan tgggtcanta ntgtggcnac tgtnaatacc 180
 acttnagaag gctgaaaaag acaaacgggg atntattagg ttatanganc aaaagntaa 240
 gtgacttctt cctt 254

<210> 308
 <211> 131
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(131)
 <223> n = A,T,C or G

<400> 308
 tgagagtctc tgcaggaggt atcaccagn ngggcagatc atgctggcag caacaggggt 60
 ggccagtatt tgtcccagcc tggggcttcc tccttggttt cttatttgca gttacttgaa 120
 taaaaaaciaa a 131

<210> 309
 <211> 298
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 309
gaggaggctc aatggccctg agtgaagatg aggctgaggc agaagtgtct gncaacacaa 60
aggtcccatc ctgtggcagg tggaaactctg ggaagctgct gccctcaggg ctgaaccag 120
atcagcccct acatctgggt gttgaggggg ggccactgtg gagggctgaa gctgaccctg 180
gntgcattct ttttagtttt ctgtcacng atccatactg ccagcaaaga accagtanca 240
gataggtcta agcctnccct cagagncccg ctttnttctg gccagtgtag ggcactgg 298

<210> 310
<211> 268
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

<400> 310
gagaccatga aggaacacag gctgncactc anagacttnc tgaaganccn cangtctgan 60
cctgancaga aataccactn tgggagggtn ggtgnctaca agtgnactct atgagcccat 120
ggcctatatg gatgcttctt actatggnga gatcagcatc gggactccac cccagaactt 180
cctggncctt ttcgacactg gctcctccaa cctgtgggtg tcttctgtct actgccagag 240
cgaggcctgc accacacaca cccgctac 268

<210> 311
<211> 451
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G

<400> 311
gactgagacg tgatgggtgtg gtccaacgaa cgggtcatgg gttgggtgtc tggctctggc 60
ctgaaggaaat ttgctacnaa tctcacggag agtgggggtgc acgngcact gttggctctg 120
gatgaaacct tcgactactc cgatctggcc ttgcttctac agatacctac gcagaatgca 180
caagntnggn aactgctgga gaangaattc antaaccctca tntccttagg cacagacaga 240
cggctggatg aggacagtgc caagtccttc agncgctccc catcctggag gaagatgtnc 300
ctgcgagaag gacctccggg gtgtaacccc ngattcaacc nagatgttac cccctactt 360
ttgctcantt gccnaggag ccctacgtc tcccggncct nctntccgcn aaactgcagc 420
ctgaaggcca gacttctggg agttagcaag c 451

<210> 312
<211> 445
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 312
actgaggaaa cacaggatga gtcagctgtg ttatggttgg atgaaattca aggtggaatc 60

tggcagtcca acaaagacac ccaagaggcc cagaggtttg ccttaggaat ctctgccatc	120
aatgaagcag tagacagcog gtgatgttg cagaaccctg agtgccctac gttctcccga	180
cgttggctta tatggagtga tccccgaatg tggggaaacg taccagagte gaeettgctg	240
aagccaagaa gaagagactg gcagnaggag atantaacag naagtgggtg agagcactgg	300
gtgaaaggng ngtaccatta ctaccacaac ctgnagacgc aagcaggagg atgggnagag	360
ccncnagact ttntgcaaaa ttntntgcan cttttatnga gangggatcc agagntccan	420
ctctggagta acccgctgca tataa	445

<210> 313
 <211> 510
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

<400> 313	
actgaggggt gaacatgatg atgaggaaga tgcgtgtggc tgcagcctcc aagccagcag	60
tgcagatcaa acaggagaat gacactttct acatcaaaac ctccaccact gtgcgaacca	120
cggagattaa cttcaagatc ggggaggaat ttgaggagca gaccgtggat gggagaccct	180
gtaagagttt ggtgaaatgg gagagtggaa acaaaatggg gtgcgagcag aggcttctga	240
agggggaggg cccaagacc tcctggagcc gagaaactgac caatgatgga gagctgatcc	300
tgacaatgac agcagatgac gttgtgtgca ccagggtcta cgtccgagag tgagtgccta	360
cgggtccaag aactgcctga gacgacttcc gtgcccgcta caggacacca aacctccctc	420
ccacgtncat cttacaaact anctctcccc ttactcctga gggttactgc ttcctccaag	480
gccttttgtt cttttgcctt ctctaagcca	510

<210> 314
 <211> 429
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(429)
 <223> n = A,T,C or G

<400> 314	
ccatgagcga gctgaaagac ngtaccactg cagttncatg acttnaagnc tgtggaccac	60
ctgaaggtct gtcccannt acactggcag tgctggcccc ctccgaggac gatggcattg	120
gcattgagga gctggacacc ctgcagctgg agcttgagac tctgctgtcc tctgcaagcc	180
ggagactgcg tgtactggaa gctgaaaccc agatccttac tgactggcag gataagaaag	240
gggaccgacg attcctgaag ctaggctcgcg accacgagct cgggtgctccc cccaaacacg	300
gaaagcccaa gaagcagaaa ctggaaggga agacaggaca tgggccaggc cctggccccg	360
gacgacccaa atccaaaaac gtccaaccca agatccagga atatgaattt actgatgacc	420
caatcgacg	429

<210> 315
 <211> 304
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(304)
 <223> n = A,T,C or G

<400> 315
 gccgggccc gcctctaggg ccacccangg ctcttctaca tgccattatc ccaccaagct 60
 ncagggggca gacagcgacc cttctgggca gctggnatcg cgactggttg cgtncctgac 120
 tcggtccaat catcgagag cgcagcgttt ctccctgagg aagtgactgc gctcggaacc 180
 tagtgggggc cggngggagn gatgngnncg nngagnnct ggtcgatgg tagtgtgcgc 240
 ctggaccacc ganactctgg actagnctct gntctcttgt ggccaagngt ggctcgtgta 300
 caat 304

<210> 316
 <211> 538
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(538)
 <223> n = A,T,C or G

<400> 316
 gactgagtgt cttaaaacat aatgggtgaa gacgaattgg cactcttaaa tcaaagcatc 60
 aatgaatttg gggataagtt cagaaacaga ctgatgata atcatagtca agtgctggga 120
 cttagagatg ccttcaagga ctccatgaaa gcgttttcag aaaagatgtc tttgaaatta 180
 aaggaagaag agaggatgac tgagatgatt ctggagtata aaaaccagct ctgtaagcag 240
 aataagctca ttcaacgaaa agaaagagaa tgtgttgaag atgattgctg aagtaaaagg 300
 caaggagcaa gagtcggaag agctgactgc taaaatccag gagctcaagg aagagtacgc 360
 taggaagagg gaaaccattt ccactgctaa caaagctaag gaagagagat tgaaaggact 420
 gcagaaatca ncggtctgt atagagatta ccttggaacta gaaattagaa agattcacgg 480
 taataaattg cagnttatat ttactagtat tgaccctaag aatcctgaga gcccatat 538

<210> 317
 <211> 511
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(511)
 <223> n = A,T,C or G

<400> 317
 tgctaggagc gcgggggncca gcagcagncc catacccent tggatcgtag attctanaag 60
 cgactgcccg tggagatgct aatgaaagcc atcntacagt aaagcaacat gtccttnttt 120
 nctngggacc agactgaagg aaggggcccg agagaggcag gtgcaaggcn gtgggagagg 180
 caggcttcac aagcnggeng acggagttnc cacaancnt acccagggan atccccaccc 240
 tgcccatag ggccattcg ggatcaactc catntcaant gtangtcctc tggcacagcc 300
 anctgtgcct gtagcgaact ccgacagcac attttcgtn tncgacagca gcctcacagt 360
 gagctcatag aggtgcccg catccgtgcy acccgagtac ctgcagggga gtgggagaca 420
 cagacctcac ctgntgagag agcctcactc tgccagagat ctcttctgcc tatcccagca 480
 tncctgccgg gcaagtgcac cccccccagc a 511

<210> 318
 <211> 508
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(508)

<223> n = A,T,C or G

<400> 318

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ccactgatct tcagcacgnt actttgcttg cttgatgaga gcccggttng nagaacatna      60
gaatgagaag gatatgatga gggctaccca gctgctgagg gaggcagaag aagaattctg      120
gcagaatcag catcctcagc cgtatatctt cccagactct ccgggggggca cttccttcga      180
gagatatgag tgctacaagg ttccagaatg gtgcttagat tactggcatc cctctgagaa      240
agcaatgtat cctgattact tttccaagag agagcagtgg aagaagctga ggatggagag      300
ctgggatcgg gaggttaagc agctgcagga ggaaacatca cctgatggta ttatgactga      360
agctttgcct cctgccagaa gggaaaggtga cttgccccca ctgtggtggc atattgtgac      420
cagacctcgg gaacggccca catagaggca ggccctcac tgttcatgct tgcaagtga      480
agtttcagag cacgctcaca cttgccct                                     508
```

<210> 319

<211> 514

<212> DNA

<213> Mus musculus

<400> 319

```
tgaggacttg gtgacttact tcttgacctg aggcaggcga atgtacaaga gacccacagg      60
tgggagcagg agtaccgcct gacggaggcc taccagggtc cggatgccag cgtcagctcc      120
atgcacacgg cgctgacccg cattgccagt gaggctcaca tctgcaacg ttattacgtc      180
tataactcgg tcagctacaa ccatttgacc tgtgaggaca gctgccgat cgagcacgtt      240
tgtgctatac aacacgtggc tttcaacact tatgctacct gcttgcattg tcttgggtgcc      300
aagctggtgc ctggtttcct gctcatactg actctgctgc caagcctgca cgtactggag      360
gtgttatgac tgtaggcact gccagcccac ccactgactt ggttcatctt tctcctggta      420
aaattgggca acgttaccca atggagagag atgaactttt gccatcagtc tcccccgcg      480
gagagtaaag tgggatggga cacctggatt cacc                                     514
```

<210> 320

<211> 484

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(484)

<223> n = A,T,C or G

<400> 320

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actgagtgga ggagtctgga gacaacaggc anggaaaggg catctcccta ggggaaataa      60
aagaaggaag aacaagtcac cagccgagga cctcaaattg ntgaaaaaca gaatgtattt      120
ggtgtctgct gtatctttgc atccttcagt gaaacctttg tccacatcac tactctttct      180
ggcaaggaaa ccctctgctg agtaactatt ataaagatga aggttgattg aggcattgtg      240
ctggctagca tgcagttaca gaggactggg gatcaaatcc aagacttcac gaatgccagg      300
caagtactac taactaagct atatccttaa caaaaagatt ccttttctat atagattcca      360
aataagaatg cttaaatagc aatcaagtat gctgaagccc tggacgcaca tgattttact      420
ccctaaatg gaagcctaca atttctgaga atcccaaaaa taaaaactcc tgtacaacct      480
ttgc                                     484
```

<210> 321

<211> 466
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(466)
<223> n = A,T,C or G

<400> 321
actgatcttc agcaaaatga ccctgcantg caccaagtca gctggacact ggangatggt 60
gngtctggat gaagaaaggg ttcttgggcc gnaggcatga attcacagcc gagtgtccca 120
gtgtccttgg aacttgggtt tgagacgggt cgatctctna aagtcntgag cgnagcgagg 180
gtaggctntn agcacncng atttccaagg acagcaatat gtgcttgnat aggggcgatt 240
acccgngctg ncatgcctgg ggtggcaaca caagactacc ctgcngagag gctcanctcc 300
ttccgngctg tggcctgngc taaccnaccg cgactcaagg ctgacctct tctagcagga 360
gaacttcctg gtgcagagaa aggtgagct gaaccnatga ctattncctc tcttgcnngc 420
catgggcttg ggacggcact tgangggggc ctcttttcca tgttca 466

<210> 322
<211> 521
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(521)
<223> n = A,T,C or G

<400> 322
aactgagctt tctgcctgtg aaaacactta agaatcatgt ctctgcatca gtttctgctg 60
gagccaatca cctgccatgc ctggaacagg gatcgtaccc agatcgccct gagccccaat 120
aaccatgagg tgcacatcta taagaagaat gggagtcagt ggacgaaagc gcacgagctg 180
aaggaacata atggggcata tcacagggtat tgactgggct cctaagagcg accgtattgt 240
cacttggtgg gcagaccgca acgcctatgt ctggagtcag aaagatggca tctggaagcc 300
caccctggtg atcctgagga ttaaccgtgc agccactttt gtgaagtggc cccacttga 360
gaacaagttt gctgtgggga gcgagcccg gctcatctct gtctgttact ttgagtctga 420
naatgactgg tgggtgagca agcacattaa gaagccgacg cgntccacag tccttagctt 480
ggntggcat cccaacatgn ttttgctgct tgaggctcct g 521

<210> 323
<211> 460
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

<400> 323
ttgtactggc ccattcanag aagacatcat tcaactacnc catgaaggag gctgctgtng 60
aggctctgaa gaagagagga tgggaggtac tcgaatctga cctctatgct atgaacttca 120
accccatcat ttccagaaat gacatcacag gtgagctgaa ggactctaag aactttcagt 180
atccttccga gtcattctta gcatatnagg aagngcggt gagccagat attgtggngc 240
aacacaanaa gctggaagct gcanacctgg tgatatattca nttcccattg cagnggtttg 300

gggtgccagc cattctgaaa ggctggtttg agngagngct cgnagcagga ttgcctaca	360
catatgctgn catgtacnac aacggtcctt tccagaataa gaagaccttg ctttctatca	420
ccactggggg tatgcggtc natgtactct cttcagggtg	460

<210> 324
 <211> 407
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 324	
aggggtacct gactagatgg aggatgctct tgctgcctgc ncagaannng ncacgagtag	60
atgggtgcag tgaccaaagt tgacacatcc cgtcccagag gaccactcct cagcacagt	120
tcacagaccc agggccacaa tgcagnnngn ctgtggaggt ggntgagacc atatgatgtg	180
gangtgtact gatattctccc tctttttttt tnnnatttgt angtnnntct nannggatna	240
tnccntttca cttngttcan aactncaaag gcacaaaggt tgttcggtgg agtttgtact	300
tnccacctct cgtnttgac acctgggtct tccaggctgc tgtgcatgct aggggagagt	360
ttgagtagac cagggtgagg aagcangcgt gaactgctaa cagcaca	407

<210> 325
 <211> 400
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 325	
tgaggacgat gctgtcagta ttgagagtgg cacaaacaca gaacgcccgg acacgcccac	60
aaatacgcca aatgcaccag gaaggaaaag ctggggaaag ggaaaatgga agtcaaagaa	120
atgcaaatat tctttcaaag gtgtgaacag cctcaaagta tgtgctagga agctctagac	180
ttcanacttc tctcagggca tatgggatac ccttaggnct aactatattt aaaactactg	240
ttttaaagggt gtttctgttt gtttaagttg actatttctaa tctgncacac agttaatcaa	300
gtgagctttg tttatccttg ttctttactt tgaatgtata atagttagta ttgtaggctg	360
ttcttgactt atttgttgat ccaaataaag gactttaaga	400

<210> 326
 <211> 386
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 326	
actgaggttt atttatgagn aactgtttgc agtcttcata cacaccagaa nagggctgtc	60
agtatcccat tggagatggt tgtcngncac catgnggta ctggaaatta nacctttgga	120
agagcannca gagctctgag ccatactctc cagcccgaag gctgacntta ttacagggna	180

accgttatgt tacttctccg atgcaattgc tganttatataa actatanaga agatgggtgag	240
gccnacaggt gtncanggtg nntcaaattct ttcagtcctn ttaagcctca ctcctagaac	300
tacaactnncn gtaagggtcc accntcctcg cccaaggggc ggngcctnac gcaaggagaa	360
agaccacaac tcccagagaa gctccg	386

<210> 327
 <211> 383
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 327	
ccaagactgc cctttggtat tcaaacgggc agccgctntg gactgantgg ctgncttcc	60
cctcctcccc ctcctcccc ttctgcttca gatttatatta ttanatagna cagtacacat	120
ggagcaggng tnggacacac tagacgaggg caccagatct nattgtgggt ggatggatgg	180
ggtgtnnntt tactttgang ataacgcatt ngncanagna tncaannncg gagagatcga	240
aaggctctgc tatcacaggc ncaagtggca aaggagtng catgacttga ggcccagaat	300
tgcattccaac acaacgcagc antgcttgat tctccagggn atttgtaaaa tatattcatt	360
aaagcttctg ctctgaaaaa aaa	383

<210> 328
 <211> 362
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 328	
cggaccattt tcgaatacca ccgtgtggaa ctggactcca gcaagatcac caccacctcg	60
gccgtggagt tcaccccggt gccaacctgc ctccagcatc agagttgcga cacctgcgtg	120
tcctcgaatc taaccttcaa ctgcagctgg tgccatgtcc tgcagagggt ttccagtggc	180
tttgaccgat accgccaaaga atggctgacc tacggctgtg cccaggagggt gancntgtg	240
aatggntctg tgttgcnngt ggttggaagt ttgtcatgct tcaggantat anccttgata	300
atgtttaang nggacggcnn tnccttgatga ctagcttttt cantcacttt catcaccaaa	360
ta	362

<210> 329
 <211> 517
 <212> DNA
 <213> Mus musculus

<400> 329	
gactgagggc gagcggaagt ggacgccttc ctccgtcacc tcggacaggg agaagagggga	60
caccatctgg aagccgcccgc tatcctgggg agaccccgca gcgaagctgt caggagattg	120
agactggggga cctctcacct caacgcagcg cccgagggcg gcaaccccaa ctcaccgtca	180
gcagattgtg gggccaattc atgaagccgt gaagaccctg ggctttccgg atcagctccg	240
gtccctgtga gggagaaaaa gttagcgggtg cccgcagctc cacggccagg tgtgggtgag	300
ccccggcact gtgggcctta ctcaacagac ttttccaaag accccctcgc caccacccc	360
ccagatcgaa tccacacacc ggccctcagcc ccagatggta ggtgttgccc aagcagatgc	420

ggcagcccag ggagtccagc tgctccgtgg tgataccctt catggtggcc tgtgtacca 480
caggcatgaa cacaggggtg gctaccgttc catgcgg 517

<210> 330
<211> 342
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 330
aactgagcaa gcagggatgc acagtcaactg tgtctgattt atatagcatg aactttgagc 60
caagggccac aagaaatgat atcaactggtg cccctcttaa tcctgacgtc ttcagttatg 120
ggatagaaac ccatgaagcc tacaagaaga aagctctgac cagtgatata tttgaagaac 180
agagaaaggt gcaagaagct gatcttgtga tatttcagnt tccactatac tggttcagcg 240
ttccagcaat cctaaaaggt tggatggata ggggtgctgt gccgagggtt tgcctttgat 300
atcccaggct tttatgactc tggttttctc aagggtaaat ta 342

<210> 331
<211> 311
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(311)
<223> n = A,T,C or G

<400> 331
tgagtggaca gaagattgca gaaaatcaac gtatcctcct tctggaccaa cctatagagg 60
accagttccg tggcacacca taaatcttga tttaccacc tacaaaagat ggcattgaatt 120
attggtcaa aaggcaccag cgttgaggat tttagtgaat tccataacga gtttagtgaa 180
tacatttgtg ccaagtggaa aactaatgaa gatggtggat canaagctgn ctggtatgat 240
tggcagcctt cctgaccctt ttggagagga aatgagggga attgcaaatt ttactgggat 300
tcctctagga a 311

<210> 332
<211> 289
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 332
tgagggacac accgcaagat accaactt actttctttg ccggaccctg cgctccctgg 60
gggtccaggt ttgccgagtc tctgttgtgc ctgatgaagt anccaccatt gcatccgagg 120
tcaactcatt ctccaggcgc ttcaactcag tctcaccgc ggggggcac ggccccactc 180
atgatgatgt tacctttgag gcagtggcac aggccttttg ggaggagctc aaaccnnggn 240
ctgagctcca agcagccatc aaaaccctan gaggggaggg ttgggagaa 289

<210> 333
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 333
cactgaagac gactgttccg ttattgggaa gtaatcagct tttgaaactg agagtgttgg 60
gaaggatata cttacgtaat ggagctgtct tnnncgagag accagcctgc gtcctaaagt 120
ttgctttana gagtaggaat gtcgggggttn ccagttagaa aacctttatt tntggaaacg 180
gaataaaaat ctcttagaaa cttttgcaga taatttgang ttgggcaaatt atatataatt 240
atTTTTtctg ggt 253

<210> 334
<211> 246
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(246)
<223> n = A,T,C or G

<400> 334
cagcaacttt gagcagggtga tcctggggct gatgacaccc acagtgtctgt atgacgtaca 60
ggagctgcng gagggccatg aaggagctg gcacggacga gggctgtctg attgagatcc 120
ttggcctctc gtacccctga ggagatccgt cgaatcaacc agacatacca gcagcaatat 180
ggaaggagcc ttgaagagga catctgtctt gacacatccc ttcattgttcc agcagagtact 240
gggtgt 246

<210> 335
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 335
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actatccctc tctgcaggcc atgggctggg acggcactga agngggctcc ttccatgatc 180
aatctggggc gngggggttg ttccaattt cctgggtacc cga 223

<210> 336
<211> 219
<212> DNA
<213> Mus musculus

<400> 336

tgagatgtac	tgctccatct	gaaagtcaag	gttgggtgcca	cctaagtggg	ttccccgcagc	60
aaggaatttg	aggacatcct	cctccttcat	ctgcaggacg	tcaagggctc	cggacattgt	120
gtaagtttcc	ctttaagtta	cgatgggaat	caagaacaac	gccgtatgga	cccgtccccg	180
ggtagcacgg	aaagcctata	ataactttta	aaagcaaaa			219

<210> 337
 <211> 178
 <212> DNA
 <213> Mus musculus

<400> 337						
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cggtgtcac	tcatgtgcc	gctagggaag	atgcgcctga	ctgtcccgtg	tcgtgccctc	120
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<210> 338
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 338						
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<210> 339
 <211> 502
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

<400> 339						
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ncagtgaanc	tgactntcta	angaaacct	ctagttgggn	ctggagagat	ggctcagngg	180
ttaatgagca	ctgactgctc	ttcaagatgn	cctgagttca	atnccnagca	tnacantggn	240
ggctnactac	gatccataat	gagatncagt	gcccccttct	ggtgnatntg	aagacngnta	300
cnntgtactc	acatacataa	gaataatatt	aaattttgac	tctctnnaca	aatngntgat	360
cangaaagac	annagcgaga	ggangcggtg	nanagttagc	tgtacnagct	agcctntctc	420
acggtctggt	gagtcctatt	tatactccct	ccaaacatca	cattgtntctn	catggnttct	480
tgccctaccg	tgtgtcttac	ct				502

<210> 340
 <211> 126
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 340

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agattg                                           126
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<210> 341

<211> 228

<212> DNA

<213> Mus musculus

<400> 341

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ctctttcttg ttgagaaatt tatcagtaaa tgtggtattt gagagactgt ttgttagcca    180
ttcaggcagg agttttttaa ttgtcactga aggacaggaa aaaaaaaaa    228
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